Administration Report
of
the Municipal Commissioner
for the City of Bombay
1876-77

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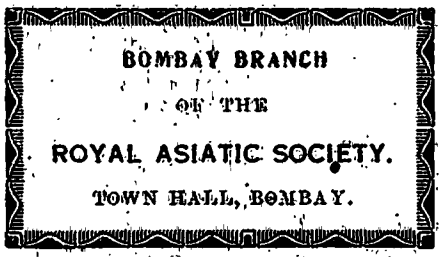

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ADMINISTRATION REPO

OF

THE MUNICIPAL COMMISSION

FOR THE

CITY OF BOMBAY

FOR THE YEAR 1896-97

Together with Annual Report of the
"Review" of the Report by the
Committee of the Municip

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Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the year 1896-97.

1.° During the year there were 56 meetings of the Corporation and 52 meetings of Committees thereof. Two other meetings of Committees were convened, but not held for want of quorum.

2. There were 56 meetings of the Standing Committee and 6 meetings of Sub-Committees thereof, with 121 attendances for cheque-signing and 52 for the audit of the weekly statement of accounts. Three other attendances for audit were fixed, but not held.

3. *Drainage.—Special Works.*—The unfinished works in progress in charge of Mr. James W. Smith, the Special Drainage Engineer, were Colaba and Umarkhadi sewerage, Connaught Road and Sussex Road drainage and sewerage, Parel sewerage, Mazagon sewerage, Malabar Hill and Khambala Hill sewerage; while the following new works were commenced: House drainage connections (street portions), Colaba District; Fergusson Road and Chinchpokli sewerage (gravitation); a portion of, *i.e.*, 18″ pipe sewer, DeLisle Road; draining storm-water from the public roads around Mahaluxmi Dhobiwada; laying 9″ pipe drains for carriage of storm-water to the sea from the southern portion of Wodehouse Road. The works sanctioned by the Corporation, but not commenced, included the gravitation portion of the Old Race Course sewerage; improvement of road-side drains with masonry gullies, Khetwadi District; ovoiding side-drains in Girgam Road from Thakurdwar Road to Portuguese Church; masonry drain from Girgam Road, passing through the Night-Soil Depôt Lane across Mathew Road and the B. B. & C. I. Railway to Back Bay; opening out water-course to the west of Mr. Kama's property nearly opposite Victoria Gardens, and constructing covered drain thereat; storm-water drain with water gullies in Rampart Row from the Elphinstone College; storm-water drain in Wodehouse Road.

As to the Colaba sewerage, it appears that the works in pipe sewers were practically completed departmentally in February. The suit brought against the Municipality by the contractors, Messrs. Bulkley & Co., was dismissed with costs by the High Court, and on appeal was again decided in favour of the Municipality. At the close of the year the officer of the Court was engaged in taking a preliminary account in order to decide whether any balance was due to the plaintiffs. The works connected with the air-compressing machinery, &c., were completed by 1st May, and all that remained to be done was the testing of the whole system of air-mains. The mains were finally tested, with satisfactory results at the end of the year, and the accounts of the works settled. The total cost, including erection, was Rs. 3,26,246-8-10. The other works connected with the Shone system in Colaba—engine-house, boiler-house, &c.—were practically completed by 1st October 1895. The expenditure on these was Rs. 80,908-14-2. The Umarkhadi sewerage was not completed until the end of May 1897. The expenditure on this work to the end of the year was Rs. 2,92,379-4-9. Details relating to the Connaught Road, Parel and other works are given at pages 35—39. The Shone system of sewerage is reported to have worked uniformly well at Colaba, though it has not yet been possible to work up to full power, owing to the comparatively small number of houses connected and the small volume of sewage to be lifted. The annual report of the working of the Compressor Station is given at page 542.

Regarding the existing system of sewerage and drainage, the report of the Executive Engineer, Mr. M. C. Murzban, C.I.E., shows that the sewage pumping station at Love Grove worked satisfactorily, notwithstanding the excessive wear and tear to which the Worthington pumps are subjected, and that "it is creditable to the makers that the efficiency should be so high after nearly four years' work without any repair or renewal or removal being necessary" (p. 270). Although the rains of June and July were so excessive, the sewers were absolutely unaffected, all surplus discharging itself without difficulty through the Love Grove outfall. The use of Indian coal resulted in a daily saving at the Station of Rs. 13 for fuel, although

the use of mechanical stokers, while greatly reducing the smoke, increases the consumption. The channel at the Love Grove sluices on the sea-face becomes increasingly foul and will require serious attention. As to the question of house-connections with the drains, the Corporation having decided, on the 18th June 1896, that the Municipality should bear the cost of constructing the street portions of the connections, and on the 3rd September sanctioned an advance of Rs. 1,00,000 for the purchase of materials, some advance was made, more especially after the outbreak of the Plague (pp. 43 and 274). In connection with the improvement and cleaning of drains and sewers, catch-pits, water-gullies, manholes, vent-shafts, &c., some particulars are printed at pages 45 and 281 regarding the installation for producing electrolized sea-water. The scheme for converting the night-soil depôts at Bhangi Moholla and Haines Road into receiving depôts, with a view to lessening the quantity of filth sent to Kamathipura, made but little progress on account of difficulties in obtaining labourers and of selecting a site in Haines Road, but more satisfactory results were obtained in reference to the provision of certain new latrines and urinals, and the improvement of others.

4. *Water Supply—Tansa.*—The rainfall was 120·13 inches compared with 92·37 in 1895. The heaviest fall was on 29th July (8·30 inches) and there were excessive falls on the last ten days of that month. The lowest water-level was on the 15th June (395·14 T.H.D.), but after 30·34 inches had fallen the lake overflowed on the 5th July and the water continued to overflow until the 29th August. The storage on 30th September (18,396,000,000) fell to 11,480,000,000 on 31st March. The surplus water passed over the waste weir was estimated at 27,700,000,000 gallons. The highest flood over the waste weir (1·80 feet) occurred on the 29th July. Up to 31st March the loss was 6,916,000,000 gallons, including evaporation. The approximate quantity drawn off into the duct was 8,569,000,000 gallons, of which 165,000,000 gallons were passed into Vehar Lake. The heavy falls of rain on 29th and 30th July flooded the duct line between Godavli and Balcomb, forming a continuous sheet of water for three miles and a quarter ; and the result

was that about 1,000 feet of the embankment under the 48″ mains were carried away. For a time the supply from the Lake to Bombay was totally stopped, but by great exertions the Water Works staff, working day and night and during heavy rains, succeeded in repairing the embankment and replacing the mains in eighteen days. In addition to this work, it was necessary during the year to make a temporary diversion of the 48″ main in order to make good a leak in the duct at the 44th mile, through which about 750,000 gallons daily were running to waste. This work was still in progress at the end of the year. Owing to the demand for water for gully-flushing during the Plague epidemic, the supply could not be cut off for the usual annual inspection and repairs, but the supply was nevertheless interrupted for about forty hours on account of bursts in the 9″ clearing pipes.

Vehar Lake and Dependent Works.—The rainfall was 109·81 inches, or 27 inches more than in 1895, and 25·97 inches more than the average of 1883-1890. The Lake overflowed on the 25th July and continued to do so until the 28th August. The heaviest rainfall (9·78 inches) was on the 14th July. The lowest water level (252·70 T.H.D.) was on the 17th June. The storage on 31st October 1895 (11,010,000,000 gallons) was reduced by 31st May 1896 to 7,919,000,000. On 1st September following the storage had increased to 11,010,000,000. The daily loss during the dry season was 14·5 million gallons in addition to the water drawn from Tansa. Besides the water from Tansa, 1,800,000,000 gallons were received from the Tulsi Lake by overflow; the quantity of water passing over the waste weir was roughly estimated at 6,530,000,000 gallons.

Tulsi Lake and Dependent Works.—The rainfall was 139·52 inches as compared with 100·40 in 1895, the heaviest fall (8·83 inches) being on the 14th July. The water overflowed on the 23rd of that month and continued to do so until the 27th August, the quantity passing over the waste weir being estimated at 1,800,000,000 gallons. On 31st October 1895 the storage was 2,136,000,000 gallons; on 31st May 1896 the quantity was reduced to 915,000,000. By 30th September 1896 it had increased to 2,156,000,000. The loss during the

year amounted to 1,030,000,000 gallons, or 171,000,000 per month. In accordance with arrangements previously sanctioned by the Corporation, the management of the forest gathering ground was entrusted to the Forest Department. During the prevalence of Plague the Tulsi water was cut off from 25th January to 12th April.

Rewards for the capture of one crocodile and the finding of 100 crocodiles' eggs were paid during 1896.

Pawai Lake.—No water was drawn from this lake, the pumping plant remaining in charge of the Assistant Engineer, Mechanical Branch. In February last, a further sum of Rs. 7,655-7-6 was paid into the Thana District Court on account of compensation for the land acquired for the duct line.

Reservoirs, Filter-beds, &c.—The progress made with the storage reservoir at Bhandarwada (John Hay Grant Works) was not satisfactory, as it was decided to use shingle in the filtering materials instead of chips, and there was delay in settling the point. The contractors declined to complete the works, and the cost will be enhanced. The expenditure incurred on the work during the year was Rs. 1,17,391. The four walls of the storage reservoir were pointed and the floor paved with Indian patent stone. The old filters were worked till the beginning of December, when they were stopped for cleaning.

At the Malabar Hill Reservoir, the work of renewing the filtering materials was still in hand at the close of the year.

Tables of Analyses of Water and the temperature in the lakes and in Malabar Hill and Bhandarwada Reservoirs are given at pages 333—345. No progress could be made with the connections of the mains at Chinchpokli level-crossing pending the decision of the High Court in the suit between the Municipality and the G. I. P. Railway Company, but estimates were prepared for the laying of 4″ mains in various parts of the City as already sanctioned by the Corporation, and these works, as well as the work of laying the 9″ main in Warli Road, will be proceeded with during the

current year. A 12″ main was laid in Purbadevi Road, and estimates are under consideration for the laying of mains in Kala Chowki, Sewri, Dockyard and Reay Roads, to be paid for out of the sanctioned grant of Rs. 2,32,000.

In the course of the measures adopted for the suppression of the Plague 1,180 house-connections were cut off and replaced by stand-pipes. The Standing Committee sanctioned the cutting-off of 1,022 connections on account of non-payment of rates and offences against the regulations, but it was only necessary to enforce the orders in 148 cases.

The total connections cut off, exclusive of those on account of the steps taken for the suppression of the Plague, was 230, whilst 497 new connections were granted. The number of meters in use increased to 2,077, being 193 more than in the previous year. Of bursts of mains, there were 180 as against 255 in 1895.

It may be noted that the revenue from water, including miscellaneous items, Rs. 14,16,123-11-1, was less than the total cost of the water supply, including loan and maintenance charges, by Rs. 1,89,867-6-3.

5. *Buildings and Roads.*—Among the more important buildings completed were two Fire Brigade Stations at Babula tank and on the site of Sankli tank, quarters for Inspectors, Tansa Water Works, Mandola (two blocks), latrines at Paltan Road for bigaris of the Health and Market Departments, quarters for bigaris, Colaba Market, and store-room and coal-shed for the Fire Brigade, Colaba. By the end of the year all the ten stations of the Brigade but one, that at Gamdevi, were completed. The new market at Colaba was also finished. Among the buildings still in progress at the close of the year were the Bhuleshwar Markets and Schools, and the construction of several drains and sewers.

A list of municipal properties is given at pages 452 to 525.

It is somewhat remarkable that, notwithstanding the general depression and stagnation of trade, resulting from

outbreak of Bubonic Plague during the year, the applications for permission to build or rebuild numbered 1,261, being 39 more than in 1895. Of the total, 1,226 were passed wholly or partially, the remainder being unconditionally disapproved on sanitary or other grounds. The number of notices issued to house-holders was 4,119, or 159 less than in the previous year: 366 summonses were issued, but in 198 cases the persons concerned complied with the Municipal requirements before service. During the year 37 buildings or portions thereof collapsed by which 10 persons were injured and four were killed. As many as 2,705 notices were issued for the summary removal of ruinous houses and objectionable erections, and with the exception of 602 cases, in which action was still pending, the orders were carried out. Regarding the construction of Reay Road, the Victoria Road extension, and other works connected therewith, it appears that for the northern approach to the overbridge across the G. I. P. Railway, a great portion of the requisite land has already been acquired. The approach works will be commenced as soon as the Railway Company take in hand the overbridge itself. The final bills for the construction of the new road from Dadar to Matunga are still in dispute and the construction of the Souter Road was delayed pending settlement with the contractors. Owing to the scarcity of labour and the difficulty of obtaining road metal, and of keeping the steam-rollers fully employed, the highways could not be maintained up to the usual standard. Meantime, the system of watering the roads from hydrants has been gradually extended.

6. *Lighting.*—Nearly the whole of the remaining ordinary gas-lamps were converted into incandescent lights, and wherever necessary, the opportunity was taken to re-arrange the situation of the lamps or to renew the old columns. In the A, or Fort and Colaba Ward, kerosine lamps were replaced by incandescent gas-lights, and the total number of the latter has been increased to 3,823. While giving much better and more powerful light, the new burners are more economical than those formerly in use.

The electric light installation for the Arthur Crawford Market and the Municipal Office worked satisfactorily. At the end of the year the number of kerosine lamps was 1,742.

7. *The Workshops* turned out very satisfactory work and made a clear profit of over Rs. 9,000, which, however, will be reduced to a very insignificant sum in future if higher rent for the land occupied by the shops has to be paid to Government.

8. *Financial.*—The extent to which the outbreak of the great epidemic affected the Municipal finances is shown by the remark of Mr. Snow, the Commissioner: "Thanks to the Plague, almost the whole of our large surplus has been swept away in a single year." The opening balance, including recoverable advances, reserve stock, &c., and excluding deposits, unexpended loan balances and minor adjustment items (*vide* pp. 9 and 93 of the Report for 1895-96) was Rs. 37,72,317-14-7, or Rs. 17,82,317-14-7 in excess of the Budget Estimate. The revenue (pp. 11 and 69) was Rs. 62,08,977-11-2, giving a total amount available for expenditure of Rs. 99,81,295-9-9. The amount expended was Rs. 70,04,742-9-11, leaving a balance of Rs. 29,76,552-15-10. Deducting from the Rs. 17,82,317-14-7 as above, the Rs. 4,80,048-3-4 on account of unexpended balances of the grants for 1895-96 and previous years, and Rs. 8,76,659-9-8 on account of the value of reserve stock, there remained a net surplus of Rs. 4,25,610, which, not having been appropriated during the year, formed part of the opening balance of 1897-98. The total revenue amounted to Rs. 62,08,977-11-2, or Rs. 3,56,722-4-10 less than the estimate, and Rs. 5,52,732-9-3 less than the actuals of the preceding year. Except under the head of halalkhor service, the yield in every other branch of income fell short of the estimate.

Deducting from the Rs. 62,08,977-11-2 as above, Rs. 37,357-7-0, excess interest realizations, &c., as per margin, as the same having been re-invested cannot be treated as actual surplus, the net income amounted to Rs. 61,71,620-4-2 or a decrease on the estimate of Rs. 3,94,079-11-10. Adding to this decrease the Rs. 1,80,000 on account of excess revenue anticipated when the Budget for 1897-98 was being prepared, the total decrease in the revenue amounts to Rs. 5,74,079-11-10.

Excess interest realized on account of Municipal Buildings Fire Insurance and Worn-out Water Mains Renewal Funds and Net Premia received on the first instalment of ten lakhs of the Rs. 15,75,000 Loan.

Deducting from this last amount the Rs. 2,25,000, by which the outstandings for the past year were greater than those of the preceding year and are recoverable during the current year the net decrease in the revenue is reduced to Rs. 3,49,079-11-10.

The total grants for expenditure during the year amounted to Rs. 79,36,310-1-1 as follows :—

	Rs.	a.	p.
Original Budget Sanction	66,32,948	0	0
Lapsed grants, 1895-96, renewed in 1896-97 ...	3,70,265	8	3
Do for 1894-95 and previous years...	1,09,782	11	1
Additional grants sanctioned	8,23,313	13	9
Total	79,36,310	1	1
Deduct expended	70,04,742	9	11
Balance unexpended	Rs. 9,31,567	7	2

Of this unexpended balance, Rs. 60,000 on account of savings anticipated were appropriated in the Budget for 1897-98, whilst Rs. 6,71,162-7-11 are required for payment in the current year for lapsed grants and unexpended balances of the grants for 1896-97 and previous years. The balance of Rs. 2,00,404-15-3 will be required for reducing the deficit in revenue.

Thus, in consequence of the decrease in revenue and the additional grants for the suppression of the Plague, and other charges and advances made for reserve stock, there was a net deficit of Rs. 3,96,450-4-7 instead of a large surplus as anticipated. This deficit, together with further additional grants, aggregating Rs. 13,50,460-1-4 for Plague and other charges, reduced the anticipated closing balance of Rs. 17,95,605 (exclusive of the balance of Rs. 1,00,000 required by the Municipal Act) to Rs. 48,694-10-1. The following tables **A** & **B** show the main heads of revenue and expenditure and the actuals of the preceding year:—

A.

REVENUE.

Items.	Actuals for 1895-96.	Estimate for 1896-97	Actuals for 1896-97.	Actuals for 1896-97 as compared with actuals for 1895-96.		Actuals for 1896-97 as compared with estimates for 1896-97.	
				More.	Less.	More.	Less.
	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Property Taxes—							
General tax	18,77,437 12 7	19,09,000	18,54,966 5 0	.....	22,471 7 7	.....	54,033 11 0
Water tax and other miscellaneous water works revenue.	14,42,895 4 7	14,20,000	13,98,410 0 2	.....	44,485 4 5	.....	21,589 15 10
Halalkhor tax, including receipts for special service ...	6,57,812 2 9	6,58,000	6,88,485 11 11	30,673 9 2	.....	30,485 11 11	.....
Wheel tax and toll fees ...	3,65,524 11 3	3,60,000	2,46,681 5 6	.....	1,18,843 5 9	.....	1,13,318 10 6
Town duties	9,10,850 15 10	9,00,000	6,45,143 12 4	.....	2,65,707 3 6	.....	2,54,856 3 8
Receipts from Government for liquor licenses and tobacco duty	3,61,224 14 5	3,33,250	3,36,617 4 3	.....	24,607 10 2	.....	6,632 11 9
Market receipts	3,83,543 2 4	3,83,600	3,76,803 5 10	.....	6,739 12 6	.....	6,796 10 2
Returns from other property and miscellaneous	7,62,421 4 8	6,01,850	6,71,869 14 2	.....	90,551 6 6	70,019 14 2	.....
Total Rs....	67,61,710 4 5	65,65,700	62,08,977 11 2	30,673 9 2	5,83,406 2 5	1,00,505 0 1	4,57,227 14 11
					30,673 9 2		1,00,505 10 1
					5,52,732 9 3		3,56,722 4 10

B.

EXPENDITURE.

Charges debitable to current revenue exclusive of advances and other adjustment items.	Actuals for 1895-96.	Estimate for 1896-97.	Actuals for 1896-97.	Actuals for 1896-97 as compared with actuals for 1895-96.		Actuals for 1896-97 as compared with estimates for 1896-97.	
				More.	Less.	More.	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
General Superintendence	1,99,317 7 9	2,19,042 14 11	1,99,640 14 10	323 7 1	.....	...	19,402 0 1
Assessment and Collection Department	2,40,989 9 5	2,63,555 1 9	2,48,159 1 5	7,169 8 0	.....	...	15,396 0 4
Fire Brigade	1,15,990 10 2	1,20,227 12 4	1,07,653 13 0	.....	8,336 13 2	...	12,573 15 4
Public Gardens	64,028 7 4	1,20,710 8 11	60,312 2 8	.....	3,716 4 8	...	60,398 6 3
Public Works, Ordinary	14,92,734 15 0	16,53,372 6 5	14,08,645 7 0	.....	84,089 8 0	...	2,44,726 15 5
Do. New	2,38,581 12 3	3,14,820 2 10	1,47,003 5 9	.....	91,578 6 6	...	1,67,816 13 1
Public Health Department	13,75,233 9 6	14,66,335 10 6	14,09,867 0 2	34,633 6 8	.....	...	56,468 10 4
Municipal Debt	21,19,651 7 4	23,83,845 10 10	20,56,121 14 0	.....	63,529 9 4	...	3,27,723 12 10
Police	5,01,096 0 6	5,51,589 0 0	5,51,589 0 0	50,492 15 6	.....	...	.....
Education	88,481 6 1	89,836 10 3	88,888 8 7	407 2 6	.....	...	948 1 8
Hospitals and Dispensaries	56,260 2 4	57,000 0 0	53,101 0 7	.....	3,159 1 9	...	3,898 15 5
Pensions, Gratuities and Compassionate Allowances	48,451 13 9	63,415 15 1	58,600 12 0	10,148 14 3	.....	...	4,815 3 1
Miscellaneous	1,61,698 10 0	6,32,558 3 3	6,15,159 9 11	4,53,460 15 11	.....	...	17,398 9 4
Total Rs.	67,02,515 15 5	79,36,310 1 1	70,04,742 9 11	5,56,636 5 11 2,54,409 11 5	2,54,409 11 5	...	9,31,567 7 2
Loan Works Rs.	10,84,879 5 5		7,14,854 6 10	3,02,226 10 6			
Rs.	77,87,395 4 10		77,19,597 0 9				

The details relating to the increases and decreases in Revenue and Expenditure as compared with the Estimates are shown in the report of the Chief Accountant. The decreases of Rs. 22,471-7-7 in the general tax and Rs. 44,485-4-5 in the water tax would not have occurred, but for the amount of outstandings at the end of the year being larger than in 1895-96 consequent on the exodus of so many rate-payers during the epidemic. Whilst the halalkhor tax yielded Rs. 30,673-9-2 more than in 1895-96 chiefly owing to the enhanced special rate for mills, wheel tax and tolls fell off by Rs. 1,18,843-5-9. The decrease in town duties was Rs. 2,65,707-3-6, partly owing to falling off in imports of taxable articles and partly because certain arrears of refund-claims were brought to account up to date. The receipts from tobacco duty decreased by Rs. 34,607-10-2, those from markets and slaughter houses by Rs. 6,739-12-6, and those from property and miscellaneous by Rs. 90,551-6-6.

Under the head of expenditure the net increase was Rs. 3,02,226-10-6. The cost of the measures for the suppression of the Plague was Rs. 4,37,055-0-1. Two other heavy items were Rs. 50,000 towards the school building fund and Rs. 51,589 for arrears of police charges.

Loan Funds.—The expenditure on loan works amounted to Rs. 7,14,854-6-10 as per margin, and from statement on page 17 it will be noted that the aggregate expenditure under this head from 1892-93 to 1896-97, inclusive, amounted to Rs. 69,25,943-15-4.

Tansa Water Works	Rs.	9,458	14	4
Other Water Works	„	48,431	0	6
Sewerage Works ...	„	4,67,321	2	8
Markets	„	49,339	8	11
Roads	„	89,131	14	11
Minor and other Sanitary Works, &c. ...	„	51,171	13	6
	Rs.	7,14,854	6	10

The financial position at the beginning and at the end of the year respectively with regard to the various loan funds raised from Government and from the public is shown in a tabulation at page 19.

9. *Registration and Valuation.*—On 31st March last the number of properties on the Assessment Book was 52,959,

an increase of 460 on the figures of the previous year. Of the total, 35,495 were buildings, 146 salt-pans, 17,318 vacant lands including tanks, wells, &c., and of these the number assessed to the general tax was 40,653. Of those exempted or compounded for at special rates, the number was 4,561. Of small plots of unproductive land, for which no bills were issued, the number was 7,745. During the year 387 buildings were demolished, 635 new buildings erected, and 297 existing properties were enlarged.

The recorded gross valuation was Rs. 2,89,27,618, showing an increase of Rs. 6,70,737. The valuation of properties charged with the general tax was Rs. 2,62,19,752, and that of properties exempted from the general tax was Rs. 26,90,393. The valuation of properties, for which no general tax bills were issued, was Rs. 17,473. The increase in valuation was due to erection of new buildings Rs. 2,64,476, enhancements Rs. 2,11,862, rise in rents and correction of under-assessments Rs. 1,94,399; total Rs. 6,70,737.

The demand on account of property taxes was Rs. 41,58,766 *plus* Rs. 66,696 on account of previous years, making a total of Rs. 42,25,462 showing an increase of Rs. 1,96,708 over the demand for the previous year. Deducting Rs. 54,560-5-0 for drawbacks, and Rs. 2,50,856 payable by Government and the Port Trust, the amount for which bills (75,592) were issued was Rs. 39,20,046-9-0. In addition to this there were Rs. 74,135 to be collected for outstandings. At the end of the year the total of the outstandings amounted to Rs. 2,94,889, which by the 15th August last was reduced to Rs. 61,558.

Assessment Appeals.—It is satisfactory to note that the appeals to the Chief Judge of the Court of Small Causes only numbered 14, of which 3 were dismissed, 2 allowed, and 9 were settled by consent.

Revenue Audit.—An account of the work connected with this branch will be found at page 29.

10. *The Assets and Liabilities of the Corporation.*—The statement of the Assets and Liabilities on 31st March last is given at page 18 as under :—

ASSETS.

	Rs.	a.	p.	Rs.	a.	p.
I.—Balances and Investments—						
(1) Cash balance in the Office and Bank Treasuries (*vide* pages 185 & 190)	2,03,137	15	5			
(2) Invested Surplus Cash Balance (*vide* page 190)	16,02,750	0	0			
(3) Invested Loan Fund Balances (*vide* pages 190 & 191)	15,52,981	4	0			
(4) Invested Sinking Fund (*vide* pages 119 & 191).	15,65,709	0	8			
(5) Invested Municipal Buildings Fire Insurance, Renewal of Water Mains, Net Premia, &c., and School Building Funds (*vide* pages 120 & 191) ...	7,08,595	15	11			
(6) Contractors', &c., deposits in Government and other Securities (*vide* page 191) ...	1,66,600	0	0			
				57,99,774	4	0
II.—Advances, Departmental, and to Contractors (*vide* page 190)				1,95,890	9	5
III.—Municipal Property—						
(1) Land and Buildings, Tulsi, Vehar, Pawai, & Tansa, &c., Water Works ...	3,72,98,596	5	5*			
(2) Roads, Bridges & other improvement works...	1,14,74,346	8	9*			
(3) Reserve Stock (*vide* page 192)	9,01,840	12	6			
				4,96,74,733	10	8
Total Assets			Rs.	5,56,70,448	8	1
Deduct—Total Liabilities ...			,,	3,89,81,231	9	4
Value of Assets over Liabilities ...			Rs.	1,66,89,216	14	9

LIABILITIES.

	Rs.	a.	p.
I.—By various Loans (*vide* pages 186 to 189) ...	3,84,91,027	15	5
II.—Deposits by Contractors, &c., (*vide* page 189). ...	4,72,333	10	3
III.—Adjustment item reserved for Local Works Establishment (*vide* page 189)	17,869	15	8
Total Liabilities ... Rs.	3,89,81,231	9	4

* For the details of these two items, aggregating Rs. 4,87,72,942-14-2, *vide* pages 192 to 203.

11. *Fire Brigade.*—Mr. Snow reports that the Fire Brigade continued to be thoroughly efficient. During the year there were 10 serious and 106 slight fires, the estimated loss by which was Rs. 18,75,662, of which all but Rs. 20,910 was insured. The most serious fire was at the old Nicholl Mill on 1st November, when property valued at Rs. 3,18,190 was destroyed. A fire on the Cotton Green damaged cotton, &c., to the value of Rs. 1,25,000; the Alliance Mill suffered damage to the extent of Rs. 70,000, and the destruction of a large house in Cowasjee Patel Tank Road involved the loss of Rs. 2,57,000. The Brigade did most useful work during the Plague in flushing gullies. Seven firemen suffered from the pestilence, of whom three died. The equipment of the Brigade is 8 steam fire-engines, 9 manuals, 16 hose-reels, 7 tender-carts, 6 telescopic fire-escapes, 1 brake, 16 horses, about 13,200 feet of delivery-hose and other necessary appliances.

12. *Public Gardens and the Victoria and Albert Museum.*—On account, most probably, of the exodus during the Plague, the number of visitors to the Victoria Gardens decreased to 1,071,929 compared with 1,438,595 in 1895-96. The visitors to the Museum numbered 584,865 as against 749,299 in the previous year.

13. *Public Health and Vital Statistics.*—With the exception of the years 1865, when the number of deaths was 28,531, and 1877, when the deaths recorded were 33,511, the year 1896 showed the highest mortality of any previous year (p. 597), namely 33,451 from all causes (but exclusive of still-born), or 8,369 in excess of the deaths in 1895 and equal to a death-rate of 40·71 per 1,000 of population calculated on the Census returns of 1891. The average number of deaths for the five previous years (p. 57) was 27·104, or a death-rate of 32·98 per 1,000. Of the 33,511, 8,776 deaths are ascribed to fever, 5,334 to diseases of the respiratory system (p. 601), 4,809 to phthisis, 2,272 to diseases of the nervous system, 1,936 to Bubonic Plague, 1,613 to diarrhœa, 737 to dysentery, 701 to small-pox, 490 to cholera, 487 to accidents, 241 to measles, and 6,055 to other and unknown causes.

The mortality (p. 602) from the chief causes of death exhibits an increase as compared with 1895, as follows:—fevers, 2,372; phthisis, 1,199; respiratory system, 769;

small-pox, 431; diarrhœa, 425; cholera, 400; nervous system, 228; dysentery, 112. The greatest number of deaths in any one month was 6,131 in December, the lowest number on the other hand was 2,029 in June. As usual, the ratio of deaths was highest among the small community of Negro-Africans—582·19 per 1,000.

The next highest ratios (p. 601) were: Lingaets, 93·11; Hindu low-castes, 63·27; Jains, 62·83; Mussalmans, 53·01; Buddhists, 42·10; Bhattias, 43·34. The lowest ratios, respectively, were: Europeans, 19·39; Parsees, 28·10; Brahmins, 32·22; Jews, 33·26; Native Christians, 34·53; Eurasians, 35·10. Regarding localities, the ratio of mortality was as follows (pp. 59, 625): Second Nagpada, 68·09; Kamathipura, 67·76; Khara Talao, 54·07; Mandvi, 52·15; Umerkhadi, 50·10 Tardeo, 48·73; Walkeshwar, 19·16; Esplanade, 18·28; Mahaluxmi, 17·63; Fort (Southern), 5·31; Harbour Division, 4·15. Although the general health of the water population was so favourable, it is observable that the proportion of cholera mortality (p. 612) was highest of all in that section—namely, 30 out of a population of 22,142, equal to 1·35 per thousand. Girgam showed the next highest ratio of deaths from this cause, 1·18; Dongri followed with 1·15; Warli with ·98; and Dhobi Talao with ·97 per thousand. Out of the total 623 cases of attacks (p. 615) from cholera, 367 occurred on ground floors. Of the total number of deaths recorded from all causes, 13,637 persons were registered as being natives of Bombay, 19,814 as having been born elsewhere and unknown.

The greater portion of the Health Officer's Report (pages 627—784) is devoted to the consideration of the disastrous Bubonic Plague. Dr. Weir is unable to pronounce a decided opinion as to the actual date of the first outbreak of the disease or to accurately determine the cause thereof. He refers at some length to his observations during former years of certain conditions unfavourable to the health of the City, such as insufficient drainage, the defects in sewage removal, the water-logged state of the land, the want of proper connections between dwellings and the drains for the removal of sewage and sullage, the overcrowding of the greater part of the population, the deposit of all the dry re-

fuse of the city on the Flats, the defects in the Municipal Act regarding the erection of buildings on improper sites, and other subjects. And in discussing the phenomena that preceded the outbreak of the epidemic, he comments on the abnormally heavy rainfall of the earlier part of the rainy season and the failure of the rains during the latter portions of the south-west monsoon—a state of affairs all the more unfavourable, as the level of the sullage in the sewers had been left high, and there were accumulations of wet grain in dark and damp godowns and in granaries beneath human dwellings (p. 630). Dr. Weir in trying to arrive at the probable causes of the epidemic alights on the theory of migration of people from plague-stricken districts, and he supports it by what he considers a strong argument, *viz.*, the circumstance of observing a higher death-rate among persons not born in Bombay. From the figures already quoted as to the place of birth of those who died, he assumes (p. 597) that there must have been, during the year, a great migration of strangers into the city and that the statistics demonstrate that, if the enhancement of the death-rate in August was due to Plague, the disease was either prevalent in a number of places outside Bombay, or that it chiefly affected persons born outside the City, or that there was an immigration into Bombay of people who were affected by the Plague, or peculiarly susceptible to it (p. 599). In support of this assumption, he states that, while the excess number of deaths in August was 370 over the number in July, the mortality among persons born in Bombay had decreased by 23 (p. 598), that in September the mortality among Bombay-born persons decreased by 84, that in October it increased only by 27, and in November decreased by 75. It would appear to him, therefore, that either the persons born outside Bombay brought the disease in with them, or were more susceptible to its influence than the people born within the Island (p. 599). Although the epidemic may have broken out earlier, the first public notification of its existence was made known by Dr. A. G. Viegas towards the close of September ; but the Health Officer, while of opinion that Dr. Viegas deserves much credit for his diagnosis of the case (p. 632), is of opinion that the time has not yet arrived for fixing the date when the first case occurred, and he adds (p. 636) : "We must wait till the experiences of medical men throughout India have been obtained. It is not improbable that when the dis-

ease has been more generally recognized and its different types distinguished—for even now some cases are most difficult of recognition during life—it will be found that cases of a disease not dissimilar in symptoms have occurred in periods not very remote, not only in Bombay, but in other parts of India. I have no doubt that the cases observed by Dr. Simpson in Calcutta were of Bubonic Plague." "In passing a judgment on the difficulties of recognition in the first cases, it has to be remembered that fevers with glandular enlargements are not unknown in Bombay and that even now, with the knowledge possessed of the disease in its varying forms and notwithstanding the suspicion with which cases of fever are regarded, the recognition of some cases of Bubonic Plague is most difficult even in Hospital" (p. 632).

Dr. Weir states, however (p. 633), that there are reasons for thinking that the occurrence of the great Nassick pilgrimage had an important influence on the propagation of the pestilence in this City. It has to be recollected in forming an opinion as to the period when Bubonic Plague commenced in Bombay that synchronously with the increase in the total mortality in this City there was an increase of mortality in a number of places close to Bombay.

In Bombay, as elsewhere in India, where the phenomena accompanying the outbreak of plague have been observed and recorded, rats are found to have exercised an important part in the spread of the disease. From the end of September they were seen running about the streets in Mandvi in numbers and issuing from drains, gutters, &c., in a sick or dying state. Many were found with buboes developed in the neck and groin, and in numerous cases the plague bacillus was readily found in their carcases. The presence of dying rats was observed in every quarter where the epidemic prevailed, and it is curious to note that eventually rats left the City in great numbers. There was likewise unusual mortality among cats, cattle, sheep and goats (p. 648).

The measures adopted for dealing with the outbreak are described at length. These varied according to circumstances, and were modified in the light of experience. Each house where there was an outbreak of the disease was thoroughly cleansed and disinfected, together with its *mori*, *nahani* and drains. Disinfectants were freely applied, the

building thoroughly flushed, its roof opened, and light and air were admitted to the place. The chief disinfectants used were perchloride of mercury, permanganate of potash, napthaline, chloride of lime, carbolic acid, creosol, quicklime prepared in different ways, and others. The use of chlorine gas under pressure for the disinfection of buildings was attended with success. It was only by the application of the powers given to the Municipal Commissioner under section 434 of the Municipal Act and under the Epidemic Diseases Act (Act 3 of 1897 of the Government of India) that authority was obtained for the entry and disinfection of plague-stricken buildings and the demolition of insanitary houses.

The segregation of the plague-stricken was attended with immense difficulty, and the utmost patience was required in allaying the wide-spread panic in regard to isolation and the establishment of plague hospitals. In December, with the aid and assistance of the more enlightened and public-spirited leaders of the different native communities, a successful advance was made in this direction, and the Health Officer bears grateful testimony to the valuable assistance rendered in this direction by Hindu, Mahomedan, Parsee and other gentlemen (p. 783).

In the same way he alludes to the warm interest and personal exertions of His Excellency the Right Hon'ble Lord Sandhurst, Governor of Bombay, in regard to the various steps taken for dealing with the suppression of the epidemic, and the valuable and ready assistance rendered by Monsieur Haffkine, Mr. Hankin, and the members of the Scientific Foreign Commissions deputed by their respective Governments to proceed to Bombay and study the disease (p. 717), especially Dr. Gaffky, Dr. Pfeifer and Dr. Bitter.

He warmly acknowledges, too, the noble services performed by the lady nurses (p. 710), the willing aid afforded by many medical practitioners in the City, and the devotion to duty of the officers and working staff of the Sanitary Department during the trying period of the epidemic (p. 783).

With regard to the prevention of future appearances of the Plague in the City, Dr. Weir is not hopeful as he does not think it is practicable to prevent its spread "except when the type * * is the simple glandular form

and when the disease has not been communicated to rats" (p. 777). Earlier opinions held as to its being easily feasible to check the spread of the disease appear now to be erroneous.

The more knowledge we have, the more difficult it appears to be to recognise some forms of Bubonic Plague and to prevent the importation of the disease and its spread into a sea-port town. Its introduction can only be detected when the disease is imported by human beings suffering from an easily recognizable type of the malady (p. 777). When the disease is carried by rats or conveyed in clothing or other articles, its importation or conveyance is not likely to be prevented. The importation of cases into London in 1896 indicates how far the disease may be conveyed by sea although generally it does not appear that the disease is conveyed long distances by a sea-route. It appears to Dr. Weir that Bombay is in more danger from Upper India than the Kathiawar coast and the endemic area by the Persian Gulf than from China (p. 778). * * * "There is only one measure from which any effect can be expected, and that measure is quarantine or any other name by which inspection of traffic and restriction on communication may be called; stringent and careful examination of every one entering Bombay, and disinfection of every article, but the result to be expected from that measure is very uncertain."

The Health Officer further states that M. Haffkine was undoubtedly right in laying down the principle of "surrounding and preventing all intercourse with the infected area." When the disease is carried by other agencies than human beings, there can be little hope of arresting its spread. "The steady advance of this pest over continents suggests to some minds the reflection that either the disease may advance with the migration of rodents or that the microbe may have an existence in nature outside human beings." On the other hand, the experience gained leads to the conclusion that measures for disinfection or segregation may be modified according to the type of the disease and the ventilation of the buildings affected. In the simple glandular form it is not necessary to remove the patient from a well-ventilated building. Even in the pneumonic form a discretion may be used where the building is well ventilated and occupied by few people. The great danger to be avoided in a city is the conceal-

ment of cases, though experience leads to the conclusion that concealment cannot be entirely prevented (p. 778). It is not absolutely necessary to disinfect, though disinfection is to be recommended; nor is it necessary to remove to an hospital every one suffering from the disease when the house is well ventilated (p. 779). In view of the future of Bombay the Health Officer urged on the Plague Committee that so long as a case occurs in any place in direct communication with the city, not one measure for checking the propagation of the disease can be relaxed with safety.

Of the dead, 20,824 bodies were buried, 12,807 burned, and 1,418 disposed of at the Towers of Silence.

Birth Registration.—Notwithstanding the migration of immense numbers of the population during the panic, the number of births registered was larger than in the previous year, namely, 15,890 living and 1,598 still-born (as compared with 15,684 and 1,470 respectively in 1895). Of the living, 8,267 were males and 7,623 females. The birth-rate was equal to 19·33 per one thousand. Excluding the small community of Negro-Africans, the highest proportion was among Jews, 34·35. The ratio among others was Low-caste Hindoos, 32·61; Parsees, 29·12; Eurasians, 22·86; Mussalmans, 22·69; Native Christians, 20·46; Lingaets, 20·40; Europeans, 16·91; Hindus of other castes, 16·73; Jains, 15·50; Bhattias, 14·44; Budhists, 10·52; and Brahmans, 9·18.

Vaccination.—From the returns of primary vaccination and re-vaccination (p. 607), it will be found that the number of primary vaccinations was 17,500 (8,847 males and 8,653 females), or a decrease on the number of 1895 of 1,460. Of re-vaccinations there were 8,321, or 3,544 more than in the previous year.

The Work of the Health Department.—On an average 4,436 men and women, 1,027 scavenging and drain carts, and 204 night-soil and cesspool carts were at work, and during the year 326,552 tons of garbage, or more than 892 tons a day, were collected and disposed of as against 322,657 tons in 1895. Of night-soil the collection and disposal was 160,670 tons, or 439 tons a day, as against 149,671 in the previous year. 191 miles of covered drains were opened and cleaned as against 179 in 1895. 5,507 notices and 2,206 summons were issued as compared with 3,925 and 2,206 respectively in 1895.

The amount of fines recovered was somewhat more than in the previous year, namely, Rs. 2,287 as against Rs. 1,979. Building plans to the number of 1,028 were received and disposed of, or 8 less than in 1895. The live stock included 2,290 bullocks and 5 horses; of the bullocks 309 died and 79 were cast and sent to Panjrapol.

The total expenditure of the department, including Conservancy, Registration, Cemeteries, Dhobiwada, Infectious Diseases, Milch Cattle Stables, Tank Conservancy and Vaccination, but excluding Markets and Slaughter Houses, was Rs. 12,69,597-7-8 while the total earnings were Rs. 7,54,628-6-0 including receipts from vaccination but deducting the proportionate cost of the Assessment and Collection Department in respect of halalkhore tax. The net cost to the Corporation of the department was therefore Rs. 5,14,969-1-8. In addition to this charge, however, Rs. 2,18,239-7-8 was expended during the latter portion of the year by the department on the measures for the suppression of the Plague, whilst the Corporation were called upon to pay Rs. 55,500 for the expenditure incurred by the Plague Committee. The total expenditure incurred by all departments of the Municipality excluding the Rs. 55,500 advanced to the Plague Committee was Rs. 4,37,055-0-1.

14. *Licenses.*—The falling off in this branch, Rs. 56,462-8-0 as against Rs. 65,048-8-0 in 1895, is attributed to the fact that, during the plague epidemic, 707 licensable shops were either closed or vacated. 5,130 licenses were issued, or 750 less than in the previous year. The amount collected was the lowest since 1892-93.

15. *Markets and Slaughter Houses.*—Notwithstanding the migration from the City, the net decrease in the revenue under this head was only Rs. 7,915-15-2, the figures being Rs. 3,95,440-13-6 against Rs. 4,03,356-12-8 in 1895. The principal items of decrease were slaughter fees Rs. 10,708-2-0 and Rs. 866-2-2 stall fees, but, as the price paid to the Municipality for the right to collect fair ground and feeding fees was exceptionally high, Rs. 65,800 against Rs. 59,100 in the previous year, the net decrease, as stated above, was less than Rs. 8,000. The supply of vegetables and fruit was not up to the average either in regard to quality or quantity. During the interruption of

railway traffic consequent on the floods of July, the importation of fruit, vegetables and other commodities ceased for some days, but the stocks in the dealers' godowns enabled them to meet the crisis. The price of ginger, however, rose from three or four pice a seer to annas twelve and Re. 1-4-0. The supply of beef was fairly good, but that of mutton was of poor quality owing to the heavy rains and the subsequent scarcity of fodder. The carcases of numbers of sheep and goats were found to be dropsical, and were condemned and destroyed as being unfit for human food. In December and February the market-dealers contemplated leaving the City, whilst some of the municipal peons and other employés abandoned their duties altogether. On the whole, however, the staff worked well, and the Commissioner had reason to be satisfied with the work of the superior staff. The Superintendent testifies to the excellent work done by the Cattle Inspector and Meat Inspector at Bandora, one of the Sub-Inspectors and the Head Clerk and Accountant. Fifty-four tons of unwholesome food, eighty per cent. of which was beef and mutton, were destroyed, or two tons less than in the previous year. Of convictions for bringing in diseased meat from Kurla, and other offences, there were 118, but the fines inflicted amounted only to Rs. 416.

16. *Street Accidents.*—463 persons were injured and 25 were killed.

17. *Education.*—The grant for education was Rs. 89,795, namely, School for Deaf-Mutes, Rs. 1,800; Veterinary College, Rs. 2,500; Victoria and Albert Museum, Rs. 11,200; Victoria Technical Institute, Rs. 10,000; Joint Schools Committee for Primary Education, Rs. 59,135; ditto for Committee's establishment, Rs. 5,160. The receipts of the Joint Schools Committee were Rs. 1,76,231-2-4 including grant from Government of Rs. 42,666, and at the close of the year the Committee had a credit balance of Rs. 48,499-7-1. From the middle of December 1896 to June 1897 the Marathi and Guzerathi Schools remained closed on account of the Plague, and the Urdu Schools were shut up from the middle of December to the middle of February. The fees paid fell off from

Rs. 23,481 to Rs. 17,111, but meantime there has been considerable increase in the expenditure as shown at pages 65 and 988. The Committee do not make explicit reference to these increases, but it may be inferred that the enhancements under the heads of masters and teachers and rent and grants-in-aid are due to there being additional schools, to temporary measures for improved accommodation, and to a rise in the number of aided schools. It is thought probable that some of the aided schools and several of the unaided schools will be found to have disappeared. The number of children attending unaided schools is about the same as the number receiving instruction in the municipal and aided schools. In pursuance of the policy of gradually utilizing surplus funds towards the improvement of school accommodation, improving the status of teachers, and promoting education among females, Mahomedans, and Low-castes, the Committee decided to appropriate Rs. 25,000 from their balance towards the expenditure of this year. The cost per pupil calculated on the attendance for December was Rs. 17 as compared with Rs. 12·4 for 1895-96. The Committee explain that this large enhancement "is due to increased expenditure and reduced attendance on account of the Plague." During the year five new Urdu Schools for boys and one school for Mahomedan girls (at Nagpada), a school for Hindu girls, a Marathi night school, a Guzerathi day school and a Guzerathi night school were opened. At the close of the year there were fifteen schools for girls, and it is satisfactory to find that great success attended the establishment of the Urdu school, the attendance of 33 in the first month increasing to 125 within six months. The total number of Marathi and Guzerathi schools were 39 and 29 respectively. The number of aided schools was increased from 89 to 95. Owing to their being closed during the epidemic, no reliable information can be given regarding the unaided schools or of the attendance thereat, and it is probable that several of them have altogether ceased to exist. There was a large number of deaths among teachers, 15, of whom 10 succumbed to the Plague.

18. *Report of the Municipal Auditors.*—Mr. Adam Smith, one of the Auditors, dying in June 1896, the Corporation appointed Mr. Adam Thompson as his successor. The report of Mr. Nanabhoy R. Ranina and Mr. Thompson on the Muni-

cipal accounts of the year, and on those of the Joint Schools Committee, contain the usual amount of detailed information regarding the expenditure and income.

In accordance with the terms of Section 124 (3) of the Bombay Municipal Act 3 of 1888, the Standing Committee direct that all the printed appendices attached to the reports of the several heads of departments, as received from the Commissioner, be circulated with his report for the information of the Corporation.

The foregoing Review and the Compilation referred to therein are circulated to Municipal Councillors as directed by Section 124 (3) *of the Act as above.*

BHALCHANDRA K. BHATAWADEKAR,
Chairman of the Standing Committee.

28*th October* 1897.

Annual Administration Report of the Municipal Commissioner for the City of Bombay for the Year 1896-97.

Introductory.

Mr. P. C. H. Snow, I.C.S., was on the 10th March confirmed as Municipal Commissioner, on Mr. Acworth's retirement, and continued in that capacity throughout the year.

2. At the request of the Corporation Government placed the services of Mr. H. J. DuBoulay, I.C.S., at their disposal for six months for duty as Deputy Commissioner, with effect from March 3rd, 1897.

3. Below are summarised the principal features of the year.

The Worthington pumps at Love Grove continued to work satisfactorily. A partial obstruction occurred at the mouth of one of the barrels of the outfall sewer, but this involved no serious results. At the close of the monsoon all boulders were removed from the neighbourhood.

The question of house-connections came before the Corporation and they decided that the Municipality should bear the cost of constructing the street portions.

Provision was made for the staff and materials for the work, and it was pushed on, in Mandvi, the Kalachawki Road, Mughbat and Carnac Road.

The extraordinarily heavy rainfall at the end of July washed away about 1,000 feet of the embankment under the 48″ Tansa Main near Godowli, and damaged a number of the pipes. The Tansa supply was interrupted, and the repairs took 18 days' continual work to complete. A serious leak also developed in the duct at Ghatkopar: the works required to remedy it were nearing completion at the close of the year.

The Fire Brigade Stations at Babula Tank and Sankli Tank were finished during the year, and the new Bhuleshwar Market and school buildings were drawing near completion at its close.

An extension of tramway lines occurred during the year, the single track along Kalbadevi Road was doubled, and a new double line was laid in parts of Mazagon and Kavasji Patel Tank Road.

The Umerkhadi Sewage works were finished in January, as also was the gravitation portion of the Malabar Hill and Cumballa Hill Sewerage works. Good progress was made with the gravitation portions of the Mazagon and old Race Course Sewerage works, and with the street portions of the house-connections in Colaba. In several directions improvements to road-side and storm-water drains were effected or were in progress.

The Shone system of drainage worked uniformly well at Colaba.

The health of the city was bad during the year. Bubonic plague broke out in September 1896 and continued in epidemic form till the end of April 1897. The mortality was heavy, a large proportion of the population fled from the City and business was for a time paralysed.

4. The special circumstances of the second half of the year induce the Commissioner to put on record his appreciation of the services of the Municipal establishment. The number of employés who fell victims to the plague was fortunately not great,—a few men deserted their duties, but as a whole the behaviour of the establishment was excellent. All Heads of Departments deserve special credit for the way they kept their men together and uninterruptedly disposed of their heavy routine and special duties during these trying times.

I. Corporation and Standing Committee.

THE CORPORATION.

5. Mr. Cowasji Hormusji, G.G.M.C., was elected President of the Corporation at the meeting of the 9th April 1896, and held that appointment until the 31st March 1897.

6. Fifty-six meetings of the Corporation and fifty-two Committee meetings thereof were held; two Committee meetings convened were not held for want of quorum.

7. The changes in the *personnel* of the Corporation were as follows :—

Commander Bean resigned on 24th August 1896, and in his place Commander Wilson was appointed by Government on 7th October following.

Mr. Blaney resigned on 5th May 1896, and in his place Mr. Jamsetji C. Jamsetji was elected by Justices on the 30th idem.

W. Burke was appointed by Government on 22nd May 1896 in place of Mr. Hughes, resigned. Mr. Burke resigned, and in his place Mr. Hughes was again appointed on 18th December 1896.

Mr. Cotton left for Europe on 7th August 1896, without vacating his seat and returned on 28th November following.

Mr. Cuffe resigned on 13th May 1896, and in his place Mr. Phillips was appointed by Government on 22nd idem. Mr. Cuffe was again appointed on 12th January 1897 in place of Mr. Rebsch, resigned.

Mr. Dinshaw Wacha left for England on 20th February 1897 without vacating his seat.

Mr. Edgelow was appointed by Government on 6th June 1896 in place of Lt.-Col. Mein, resigned.

Mr. Hamilton left for England on 24th July 1896 without vacating his seat and returned on 24th October following. He resigned on 15th March 1897.

Mr. Dikshit was elected by Ratepayers on 3rd June 1896 in place of Dr. Khory, resigned.

Mr. Hewett left for Europe on 11th April 1896 without vacating his seat and returned on 10th October following.

Mr. Hughes resigned and in his place Mr. Burke was appointed by Government on 22nd May 1896. He was again appointed on 18th December following in place of Mr. Burke, resigned.

The last attendance of Mr. Hurkisondas Nurrotumdas was on 10th December 1896.

Mr. Jamestji C. Jamsetji was elected by the Justices on 30th May 1896 in place of Mr. Blaney, resigned.

Dr. Bahadurji left for England on 17th April 1896 without vacating his seat and returned on 23rd October following.

Lt.-Col. Mein resigned on the 13th May 1896 and in his place Mr. Edgelow was appointed by Government on 6th June.

Veterinary-Major Mills was appointed by Government on 27th April 1896 in place of Major Scott, who resigned in February 1896.

Major Olivier resigned on 4th September 1896 and in his place Mr. Savile was elected by the Chamber of Commerce on 19th October following.

Mr. Phillips was appointed by Government on 22nd May 1896 in place of Mr. Cuffe, resigned.

The Hon'ble Mr. R. M. Sayani proceeded to Calcutta on 12th Dec. 1896, and was absent till the end of the year without vacating his seat.

Dr. Khory resigned on 1st May 1896, and in his place Mr. Dikshit was elected by Rate-payers on 3rd June following.

Mr. Rebsch resigned on 2nd January 1897, and in his place Mr. Cuffe was appointed by Government on 12th idem.

Mr. Roughton left for England on 28th March 1896 without vacating his seat and returned on 17th October following.

Mr. Savile was elected by the Chamber of Commerce on 19th October 1896 in place of Major Olivier, resigned.

Mr. Vundravundas died on the 15th February 1897, and in his place Dr. C. H F. Underwood was elected by Rate-payers on 31st March following.

Commander Wilson was appointed by Government on 7th October 1896 in place of Commander Bean, resigned.

Hadjee Yoosuf left for Europe on 28th May 1896 without vacating his seat and returned on 23rd October following.

THE STANDING COMMITTEE.

8. Mr. Bhalchandra K. Bhatawadekar was appointed Chairman of the Standing Committee at the meeting held on the 8th April 1896, and held that appointment throughout the year.

9. There were fifty-six meetings of the Committee, and six Sub-Committee meetings thereof.

10. There were one hundred and twenty-one attendances for cheque signing and fifty-two for the audit of the weekly statement of accounts; three other attendances for audit were fixed but not held.

11. The changes in the *personnel* of the Committee were as follows:—

Mr. Cuffe resigned on the 13th May 1896, and in his place Professor Muller was appointed by Government on 1st June 1896. Mr. Cuffe was again appointed by Government on 12th January 1897 in place of Mr. Rebsch, resigned.

Mr. Gell was appointed by Government on 12th November 1896 in place of Mr. Vincent, resigned. Mr. Gell resigned on 20th December 1896, and in his place Mr. Vincent was appointed on the 22nd idem.

The last attendance of Mr. Hurkisondas Nurrotumdas was on 23rd December 1896. He did not offer himself for re-election, and on 4th March 1897 Mr. Cowasjee Hormusjee was appointed a member of the Committee, *vice* Mr. Hurkisondas.

Professor Muller was appointed by Government on 1st June 1896 in place of Mr. Cuffe, resigned.

Mr. Rebsch resigned on 2nd January 1897, and in his place Mr. Cuffe was appointed by Government on 12th idem.

Mr. Vincent resigned on 11th November 1896, and in his place Mr. Gell was appointed on 12th idem. Mr. Vincent was again appointed by Government on 22nd December 1896 in place of Mr. Gell, resigned.

12. The following is a list of the Municipal Councillors who held office on 31st March 1897 :—

COWASJEE HORMUSJEE, Esq., G.G.M.C., J.P.*R* (C Ward), *President.*

ABDALLA M. DHARAMSI, THE HON'BLE MR., B. A., LL.B., J. P. *R* (B Ward)
ARDASIR FRAMJI UNWALLA, Esq., B.A., J. P. *R* (G Ward)
BADRUDIN BIN ABDULA KUR, Esq., J. P. *R* (C Ward)
BHAGWANDAS NARROTAMDAS, Esq., J. P. *R* (F Ward)
BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M., J. P. *R* (D Ward)
BOMANJEE PESTONJEE MASTER, Esq., J. P. *J*
BYRAMJEE NUSSERWANJEE SERVAI, Esq., J. P. *J*.
COTTON, GEORGE, Esq., J. P. *C.C.*
CUFFE, T. W., Esq., J. P. *G*
DARASHAH RATANJI CHICHGAR, Esq., J. P. *J*.
D'MONTE, DOMINICK A., Esq., M.D., L.R.C.P. (London), L.M. & S., J. P. *R* (G Ward)
DHAKJI KASHINATHJI, RAO BAHADUR, J. P. *R* (C Ward)
DINSHA EDULJI WACHA, Esq., J. P. *R* (A Ward)
EDGELOW, F., Esq., *G*
ELAPPA BALARAM, RAO SAHEB, J. P. *G*
FARDUNJI NASARWANJI BISNI, Esq., L.M. & S., *R* (E Ward)
FAZALBHAI JUMABHAI LALJI, Esq., *R* (B Ward)
FAZULBHOY VISRAM, Esq., C.I.E., J. P. *G*
GELL, H. G., Esq., J. P. *G*.
GOOLAM HOOSEIN ALLANA, Esq. *R* (B Ward)
HAMILTON, W. R., Esq., J. P. *J*.
HARGRAVE, H. I. B., Esq., M. A., M. INST. C.E., J. P. *G*
HARI SITARAM DIKSHIT, Esq., *R* (D Ward)
HASAMBHAI VISRAM, Esq., J P. *J*
HEWETT, CHARLESTONE, Esq., *R* (E Ward)
HORMUSJI CURSETJI COORLAWALLA, Esq., J. P. *J*
HUGHES, W. C., Esq., M.I.C.E., J. P. *G*
HURKISONDAS NURROTUMDAS, Esq., J. P. *R* (A Ward)
IBRAHIM RAHIMTOOLA, Esq., J. P. *R* (B Ward)
ISMAIL JAN MAHOMED, Esq., L.M. & S., J. P. *R* (B Ward)
JAGMOHANDAS VANDRAWANDAS BHAISETT, Esq., J. P. *R* (C Ward)
JAMSETJI C. JAMSETJI, Esq., J. P. *J*.
SIR JAMSETJEE JEJEEBHOY, BART., C.S.I., J. P. *G*
JAMSEDJI KHARSEDJI KAMA, Esq., J. P. *J*.
JAVERILAL UMIASHANKAR YAJNIK, THE HON'BLE MR., J. P. *J*
JAYA KARADI LINGU, Esq. *R* (E Ward)
JIJIBHOY FRAMJI PETIT, Esq. *R* (D Ward)
KAIKHOSRU NASARWANJI BAHADURJI, Esq., M.D.B.S., M.R.C. *R* (C Ward)
KAIKHOSRO NOWROJI KABRAJI, Esq., J. P. *J*
KALIANDAS KESHAVDAS, Esq., B.A. *R* (A Ward)
KAVASJI EDALJI DADACHANJI, Esq., L.M.& S. *R* (D Ward)
K. M. SHROFF, Esq., J. P. *R* (A Ward)
KHARSEDJI NASARWANJI WADYA, Esq. *R* (F Ward)
LUCHMON SINGH, RAI BAHADUR, J. P. *G*
LUND, G., Esq. *G*
MANEKSHAH J. TALYARKHAN, Esq., B.A., LL.B., J. P. *U*
MILLS, J., VET.-MAJOR *G*
MIRZA HUSSEIN KHAN, Esq., J. P. *G*.
MULJI BHOVANIDASS BARBHAYA, Esq., J. P. *G*
MULLER, O. V., PROF., M.A. *U*
NANABHAI NAVROJI KATRAK, Esq., L.M. & S., J. P. *R* (A Ward)
NOWROSJEE JEHANGIR GAMADIA, Esq., J. P. *R* (A Ward)
NOWROSJEE NUSSERWANJEE WADIA, THE HON'BLE MR., C.I.E., J. P. *G*
PESTONJI NASSARWANJI WADIA, Esq., J. P. *J*
PHEROZESHAH M. MEHTA, THE HON. MR., C.I.E., J. P. *J*
PHILLIPS, B., Esq. *G*
RAHIMTULLA KHAIRAZ, Esq., J. P. *R* (B Ward)
RAHIMTULLA MCHAMED SAYANI, THE HON'BLE MR., M. A., LL. B., J. P. *J*
ROUGHTON, G. W., Esq., J. P. *J*
SAVILE, P. B., Esq., *C C.*
SORABJI KHARSETJI DHONDI, Esq., *R* (E Ward)
SUNDERNATH D. KHOTE, Esq. *R* (D Ward)
TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq., J. P. *R* (C Ward)
TRIBHOWANDAS VARJIWANDAS, Esq., J. P. *R* (C. Ward).
UNDERWOOD, EDWARD, F., Esq., M.A., M.D., F. R. M. S., F.M.S. J. P. *J*
VANDRAWUNDAS PURSHOTUMDAS, Esq., J. P. *R* (C Ward)
VIEGAS, ACACIO GABRIEL, ESQ., M. D., L.M. & S. *R* (B Ward).
VINCENT, R. H., ESQ., C.I.E., J. P. *J*
VITHALRAO KRISHNAJI VANDEKAR, Esq., J. P. *R* (B Ward)
WILSON, G., COMMANDER, *G*
HAJEE YOOSOF HAJEE ESMAIL, Esq, *R* (E Ward)

NOTE.—The letters against the names signify—*R*, that the member was elected by the Ratepayers ; *J*, by the Bench of Justices ; *C C*, by the Chamber of Commerce *U* by the University and *G*, appointed by Government.

II. Heads of Departments.

13. Mr. M. C. Murzban, Executive Engineer, was on privilege leave from 23rd September to 22nd December 1896, during which time Mr. James W. Smith, the Special Drainage Engineer, acted for him in addition to his own duties.

14. The Chairman of the Plague Committee having applied for the services of Surgeon-Lieut.-Col. T. S. Weir, the Executive Health Officer, to supervise and advise the Medical Officers under the Committee, they were temporarily placed at the Committee's disposal from 8th March 1897, and Mr. J. Leask, Assistant Health Officer, was appointed Acting Health Officer.

15. Mr. S. Tomlinson, Water Engineer, resigned his appointment on 28th May 1896, to take up the appointment of Municipal Engineer, Singapore, and Mr. C. C. James, sub. *pro tem.* Drainage Engineer, was appointed permanent Water Engineer in his place, continuing to do duty as sub. *pro tem.* Drainage Engineer.

16. On 6th September 1896 Mr. Howard Newton was appointed Acting Water Engineer.

17. On 2nd March 1897 the services of Mr. C. C. James were temporarily transferred to the Plague Committee, of which Government appointed him a member, and Mr. J. W. Smith, the Special Drainage Engineer, was placed in charge of the Drainage Branch in addition to his own duties.

18. Mr. R. P. Brunton, the Assessor and Collector, was on privilege leave from 7th December 1896 to 17th January 1897, and Mr. Pherozsha Rastamji, the Assistant Assessor, acted for him during that period.

19. Mr. W. Pearson, the Revenue and Refund Audit Officer, was granted privilege leave from 3rd October to 18th December 1896, during which period Mr. Pherozsha Rastamji and Mr. Purshotam Gangadhar acted for him from 3rd October to 6th December and from 7th to 18th December respectively.

20. Mr. C. D. Mahalaxmiwala, the Superintendent of Gardens, was on privilege leave for one month from 5th May to 4th June 1896 and Mr. J. M. Doctor, the Head Animal-keeper, acted for him.

III. Financial.

21. The income and expenditure of the year were as under :—

	Rs.	a.	p.
Opening balance including recoverable advances, reserve stock, &c., and excluding deposits, unexpended loan balances and minor adjustment items (*vide* pages 9 and 93 of the Report for 1895-96)...	37,72,317	14	7
Revenue (*vide* pages 11 and 69)	62,08,977	11	2
Total available for expenditure	99,81,295	9	9
Spent during the year (*vide* pages 12 and 83)	70,04,742	9	11
Balance.....	29,76,552	15	10

22. The above opening balance was better than the estimate by Rs. 17,82,317-14-7. Deducting from this amount the sum of Rs.4,80,048-3-4 on account of unexpended balances of the grants for 1895-96 and previous years required for expenditure in 1896-97, and Rs. 8,76,659-9-8 on account of value of reserve stock, there remained a net surplus of Rs. 4,25,610, which, not having been appropriated during the year under report, formed part of the opening balance of 1897-98.

23. The total revenue obtained during the year amounted to Rs. 62,08,977-11-2, or Rs. 3,56,722-4-10 less than the estimate and Rs. 5,52,732-9-3 less than the actuals of the preceding year. The yield under every head except Halalkhore Tax and Returns from other property and miscellaneous was less than the estimate. As compared with the preceding year's actuals, there was also a decrease under every head except Halalkhore Tax.

24. If from the above sum of Rs. 62,08,977-11-2, Rs. 37,357-7-0 be deducted on account of excess interest realizations on the Municipal Buildings Fire Insurance and Worn-out Water Mains Renewal Funds, and net premia received on the first instalment of Rs. 10 lakhs raised last year on account of the 15¾ lakhs 3½ per cent. Loan, which, having been reinvested, cannot be treated as actual surplus, the net income would amount to Rs. 61,71,620-4-2, showing

a decrease of Rs. 3,94,079-11-10 on the estimate. Adding to this decrease the sum of Rs. 1,80,000 on account of excess revenue anticipated while preparing the Budget for 1897-98 and consequently appropriated in that Budget, the total decrease in the revenue for the year would amount to Rs. 5,74,079-11-10. Deducting from the latter amount the sum of Rs. 2¼ lakhs, by which the outstandings for the past year were greater than those of the preceding year, and which are recoverable during the current year, the net decrease in the revenue for the past year is reduced to Rs. 3,49,079-11-10.

25. The total grants sanctioned for expenditure during the year aggregated Rs. 79,36,310-1-1, as shown below :—

	Rs.	a.	p.
Originally sanctioned in the Budget	66,32,948	0	0
Lapsed grants for 1895-96 renewed in 1896-97 ...	3,70,265	8	3
Do. for 1894-95 and previous years re-sanctioned by the Corporation in 1896-97	1,09,782	11	1
Additional grants sanctioned (Rs. 7,85,956-6-9 + Rs. 37,357-7-0)	8,23,313	13	9
Total sanctioned (*vide* page 77)...	79,36,310	1	1
Deduct—Spent (*vide* pages 12 and 83)	70,04,742	9	11
Balance (expenditure less than sanctions, *vide* page 92)	9,31,567	7	2

26. Of the above unexpended balance, Rs. 60,000, being the amount of savings anticipated while framing the current year's Budget, have already been appropriated in that Budget, and Rs. 5,68,803-10-8 on account of lapsed grants for 1896-97, and Rs. 1,02,358-13-3 on account of unexpended balances of the grants for 1895-96 and previous years or Rs. 6,71,162-7-11 in all are required for payment in the current year, and the balance of Rs. 2,00,404-15-3 will go towards reducing the deficit in revenue.

27. It will be seen from the following figures, that, in consequence of the decrease in revenue and additional grants

sanctioned last year for plague and other charges in excess of the amount reserved for that purpose in the current year's Budget, and advances made for Reserve Stock, there was a net deficit of Rs. 3,96,450-4-7 instead of a large surplus, as was the case in previous years :—

			Rs.	a.	p.
Amount appropriated in the Budget for 1897-98...			20,25,000	0	0
Deduct—					
Workable closing balance (including recoverable advances for works, reserve stock, &c., and excluding deposits, unexpended loan balances and minor adjustment items—*vide* page 97)		29,76,552 15 10			
Deduct—					
Amount of unexpended balances of grants for 1896-97 and previous years required for payment in 1897-98 (*vide* page 92)	6,71,162 7 11				
Value of reserve stock (*vide* page 97)	9,01,840 12 6				
		15,73,003 4 5			
Actual workable balance at the close of 1896-97			14,03,549	11	5
		Deficit	6,21,450	4	7
Deduct—					
Outstandings on account of Rates and Taxes at the end of 1896-97 in excess of those at the end of 1895-96 recoverable in 1897-98 ...			2,25,000	0	0
		Net Deficit	3,96,450	4	7

28. The above deficit, together with further additional grants aggregating Rs. 13,50,460-1-4 sanctioned for plague and other charges during the current year, has reduced the closing balance of Rs. 17,95,605 (excluding the one lakh required by law) shown in the Budget for 1897-98 to Rs. 48,694-10-1 only.

29. Thanks to the plague, almost the whole of our large surplus cash balance has been swept away in a single year.

30. The following tables **A** and **B** show the main heads of revenue and expenditure as compared with the budget estimate for 1896-97 and the actuals of the preceding year :—

A.

REVENUE.

Items.	Actuals for 1895-96.	Estimate for 1896-97.	Actuals for 1896-97.	Actuals for 1896-97 as compared with actuals for 1895-96.		Actuals for 1896-97 as compared with estimates for 1896-97.		
				More.	Less.	More.	Less.	
	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Property Taxes—								
General Tax	18,77,437 12 7	19,09,000	18,54,966 5 0	.....	22,471 7 7	.....	54,033 11 0	
Water Tax and other Miscellaneous Water Works Revenue.	14,42,895 4 7	14,20,000	13,98,410 0 2	.....	44,485 4 5	.....	21,589 15 10	
Halalkhor Tax, including receipts for special service ...	6,57,812 2 9	6,58,000	6,88,485 11 11	30,673 9 2	.....	30,485 11 11	.....	
Wheel Tax and Toll Fees ...	3,65,524 11 3	3,60,000	2,46,681 5 6	.....	1,18,843 5 9	.....	1,13,318 10 6	
Town Duties	9,10,850 15 10	9,00,000	6,45,143 12 4	.....	2,65,707 3 6	.....	2,54,856 3 8	
Receipts from Government for Liquor Licenses and Tobacco Duty	3,61,224 14 5	3,33,250	3,26,617 4 3	.....	34,607 10 2	.....	6,632 11 9	
Market Receipts	3,83,543 2 4	3,83,600	3,76,803 5 10	.....	6,739 12 6	.....	6,796 10 2	
Returns from other Property and Miscellaneous	7,62,421 4 8	6,01,850	6,71,869 14 2	.....	90,551 6 6	70,019 14 2	.....	
Total ... Rs.	67,61,710 4 5	65,65,700	62,08,977 11 2	30,673 9 2	5,83,406 2 5	1,00,505 10 1	4,57,227 14 11	
				Deduct—Less ...	30,673 9 2		1,00,505 10 1	
					5,52,732 9 3		3,56,722 4 10	

B

EXPENDITURE.

Charges debitable to current revenue exclusive of advances and other adjustment items.	Actuals for 1895-96.	Estimate for 1896-97.	Actuals for 1896-97.	Actuals for 1896-97 as compared with the actuals for 1895-96.		Actuals for 1896-97 as compared with the estimates for 1896-97.	
				More.	Less.	More.	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
General Superintendence	1,99,317 7 9	2,19,042 14 11	1,99,640 14 10	323 7 1	.....	...	19,402 0 1
Assessment and Collection Department.	2,40,989 9 5	2,63,555 1 9	2,48,159 1 5	7,169 8 0	.....	...	15,396 0 4
Fire Brigade	1,15,990 10 2	1,20,227 12 4	1,07,653 13 0	.....	8,336 13 2	...	12,573 15 4
Public Gardens	64,028 7 4	1,20,710 8 11	60,312 2 8	.....	3,716 4 8	...	60,398 6 3
Public Works, Ordinary	14,92,734 15 0	16,53,372 6 5	14,08,645 7 0	.....	84,089 8 0	...	2,44,726 15 5
Do. New	2,38,581 12 3	3,14,820 2 10	1,47,003 5 9	.....	91,578 6 6	...	1,67,816 13 1
Public Health Department	13,75,283 9 6	14,66,335 10 6	14,09,867 0 2	34,633 6 8	.....	...	56,468 10 4
Municipal Debt	21,19,651 7 4	23,83,845 10 10	20,56,121 14 0	.....	63,529 9 4	...	3,27,723 12 10
Police	5,01,096 0 6	5,51,589 0 0	5,51,589 0 0	50,492 15 6	.....	...	.....
Education	88,481 6 1	89,836 10 3	88,888 8 7	407 2 6	.....	...	948 1 8
Hospitals and Dispensaries	56,260 2 4	57,000 0 0	53,101 0 7	.....	3,159 1 9	...	3,898 15 5
Pensions, Gratuities and Compassionate Allowances	48,451 13 9	63,415 15 1	58,600 12 0	10,148 14 3	.....	...	4,815 3 1
Miscellaneous	1,61,698 10 0	6,32,558 3 3	6,15,159 9 11	4,53,460 15 11	.....	...	17,398 9 4
Total ... Rs.	67,02,515 15 5	79,36,310 1 1	70,04,742 9 11	5,56,636 5 11 2,54,409 11 5	2,54,409 11 5	...	9,31,567 7 2
				3,02,226 10 6		0	
Loan Works ... Rs.	10,84,879 5 5		7,14,854 6 10				
Rs.	77,87,395 4 10		77,19,597 0 9				

31. The causes of the increases and decreases over the estimates of the different items of revenue and expenditure have been fully explained in the Acting Chief Accountant's Report.

32. The following is a brief explanation of the reasons of the increases and decreases under the different items of Revenue shown in Statement **A** as compared with the preceding year's actuals :—

Property Taxes.—Instead of the decreases of Rs. 22,471-7-7 and Rs. 44,485-4-5 under the yield from General Tax and Water Tax (including other Miscellaneous Water Works Revenue), respectively, there would have been large increases under these heads had not the outstandings remaining at the end of the past year been much larger than those at the end of the preceding year, in consequence of a large number of rate-payers having left the City owing to the plague scare.

In spite of larger outstandings at the close of the past year, Halalkhor Tax yielded Rs. 30,673-9-2 more than in the preceding year, chiefly owing to enhanced special rate charged for service to mills.

There was a large decrease of Rs. 1,18,843-5-9 under Wheel Tax and Tolls due principally to heavier outstandings on account of Tax on private conveyances at the end of the year, due to a larger number of owners of public conveyances not having paid the Tax during the year, and to special reductions having been made on the rates charged for public conveyances.

Owing partly to decreases in the imports of Grain, Wines and Spirits, Sugar, Ghee, Timber and Firewood, and partly to larger refunds having been paid last year in consequence of certain arrears of Town Duty Refund Returns having been brought up to date by the Refund Department, there was a decrease of Rs. 2,65,707-3-6 under the yield from Town Duties.

Receipts from Government for Liquor Licenses and Tobacco Duty.—The decrease of Rs. 34,607-10-2 was solely under Tobacco Duty. The income from this duty in 1895-96 was exceptionally great.

The decrease of Rs. 6,739-12-6 under market receipts was entirely under the head Slaughter Fees.

The realizations from returns from property and miscellaneous were Rs. 90,551-6-6 less owing to smaller receipts in 1896-97 under miscellaneous fees and miscellaneous receipts, and to the amount of premia received in 1895-96 on the 2nd instalment of Rs. 10¼ lakhs of the 23¼ lakhs 4 per cent. loan raised in that year having been Rs. 60,000 more than the amount of premia received last year on the 1st instalment of Rs. 10 lakhs of the 15¾ lakhs 3½ per cent. loan raised in December 1896.

33. From Statement **B** (Expenditure) it will be seen that under some heads the actuals for the past year were Rs. 5,56,636-5-11 more than those of the preceding year, while under others they were less by Rs. 2,54,409-11-5, thus showing a net increase of Rs. 3,02,226-10-6 in the past year's expenditure over that in the preceding year. The causes of the principal increases and decreases are given below :—

The small increase of Rs. 323-7-1 under General Superintendence does not require any special explanation.

The increase of Rs. 7,169-8-0 under Assessment and Collection Department was due to the commission charges payable to the Port Trust and G. I. P. Railway Company for collection of Town Duties in January and February 1896 having been paid in 1896-97 after obtaining Corporation's sanction to an extra grant to meet the excess in the grant for commission for 1895-96.

The decrease of Rs. 8,336-13-2 under Fire Brigade was due to the purchase in 1895-96 of a large quantity of rubber-lined canvas hose.

The decrease of Rs. 3,716-4-8 under Public Gardens was due to charges paid in 1895-96 on account of repairing and re-erecting the gates of the Elphinstone Circle Garden and constructing a rubble masonry drain in the Sir Cowasji Jehangir Garden at Mahim.

On Public Works Ordinary Rs. 84,089-8-0 less were expended chiefly under gas lighting, road repairs and maintenance, and streets improvements.

Rs. 91,578-6-6 less were expended on new works, owing partly to a specially large number of new works having been carried out in 1895-96, and partly to the heavy expenditure incurred in that year on the conversion of gas lamps in the City into incandescent lights.

The increase of Rs. 34,633-5-8 under Public Health Department was due to the more efficient arrangements made for the conservancy of the City.

Owing principally to a larger amount of outstanding interest on Municipal Debentures, there was a decrease of Rs. 63,529-9-4 under Municipal debt.

The increase of Rs. 50,492-15-6 under Police was owing to the payment made in 1896-97 on account of arrears of Police charges due to Government up to 1894-95.

The increase of Rs. 407-2-6 under Education was chiefly incurred in connection with the Joint Schools Committee's Establishment.

In consequence of a larger amount having been refunded by Government last year in respect of the unexpended balance of the Municipal contribution towards the Gokuldas Tejpal Hospital, there was a decrease of Rs. 3,159-1-9 under Hospitals and Dispensaries.

The increase of Rs. 10,148-14-3 under Pensions, Gratuities and Compassionate allowances was due, partly to a larger amount on account of pensions having been paid last year, and partly to the payment of a gratuity to Mr. Tomlinson, who resigned the Municipal service on 28th May 1896.

The increase of Rs. 4,53,460-15-11 under Miscellaneous was due partly to a large expenditure having been incurred last year on account of special measures for the suppression of the Bubonic Plague, and partly to the investment of the sum of Rs. 50,000 voted by the Corporation for the School Building Fund.

34. The following statement shows the net Revenue and net Expenditure for 1896-97 and the preceding year as required in the Standing Committee's Resolution No. 12212, dated 2nd February 1892 :—

	1895-96.			1896-97.		
	Rs.	a.	p.	Rs.	a.	p.
Net Revenue after deducting Refunds, Drawbacks and Charges in respect of Assessment and Collection and granting of Refunds.						
General Tax	16,89,491	3	11	16,67,003	1	3
Wheel Tax and Tolls	3,48,667	9	8	2,33,863	7	6
Town Duties	8,58,133	8	3	5,79,753	13	3
Receipts from Government for Liquor Licenses and Tobacco Duty	3,61,224	14	5	3,26,617	4	3
Market Receipts	2,24,886	7	7	2,36,583	12	11
Returns from other Property and Miscellaneous	2,01,062	12	9	1,79,125	12	6
Net Receipts...Rs.	36,83,466	8	7	32,22,947	3	8
Deficit ... ... Rs.	.....			7,95,764	14	9
	36,83,466	8	7	40,18,712	2	5
Net Expenditure after deducting Receipts.						
General Superintendence	1,74,289	8	3	1,73,273	1	0
Fire Brigade	9,773	9	2	3,337	4	3
Public Gardens	56,121	12	9	52,500	8	3
Public Works (Engineer's Department, excluding Water Works)...	12,02,938	2	0	11,37,799	2	8
New Works (excluding Water Works) ...	2,18,577	3	10	1,34,996	14	10
Water Works (including Debt and New Works)	1,82,374	10	2	1,89,867	6	3
Public Health Department (excluding Markets)	4,74,694	0	6	5,14,969	1	8
Municipal Debt (excluding Water Works).	6,14,403	2	0	5,53,884	1	10
Police	5,01,096	0	6	5,51,589	0	0
Education	88,478	1	6	88,888	8	7
Hospitals, &c.	56,260	2	4	53,101	0	7
Pensions, Gratuities and Compassionate Allowances...	26,747	0	0	38,946	15	2
Miscellaneous...	18,518	14	7	5,25,559	1	4
Net Expenditure...Rs.	36,24,272	3	7	40,18,712	2	5
Surplus ... ... Rs.	59,194	5	0	.....		
Rs.	36,83,466	8	7	40,18,712	2	5

* Includes Rs. 4,37,055-0-1 on account of Plague Expenses.

35. The following table shows the expenditure incurred during the last five years on the principal loan works in progress :—

	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.	TOTAL.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Tanks	1,85,353 4 6	47,407 7 4	44,269 2 1	6,101 4 3	3,458 14 4	2,92,580 0 6
Other Water Works	40,632 9 10	5,036 5 6	69,668 3 1	2,34,523 8 10	48,431 0 6	4,04,291 11 9
Sewerage Works	5,65,444 6 5	3,26,926 4 3	6,50,033 12 7	5,76,513 9 2	4,67,321 2 8	25,86,239 8 1
Markets	68,005 4 3	45,496 5 5	*Cr.* 76,494 2 4	51,286 14 5	49,339 8 11	2,00,638 14 8
Roads	10,55,026 1 9	4,95,066 6 1	2,37,211 5 2	*Cr.* 21,060 1 5	89,131 14 11	18,55,376 10 6
Minor and other Sanitary, &c., Works ..	45,219 6 3	3,26,428 3 4	2,27,489 13 7	2,87,514 2 8	51,171 18 6	15,36,823 6 10
Total ..Rs.	28,65,681 1 0	12,46,360 15 11	12,12,168 2 2	10,84,679 5 5	7,14,854 6 10	69,26,948 15 4

36. The following statement shows the total Assets and Liabilities at the end of the year :—

ASSETS.

	Rs.	a.	p.	Rs.	a.	p.
I.—Balances and Investments—						
(1) Cash balance in the Office and Bank Treasuries (*vide* pages 185 and 190)	2,03,137	15	5			
(2) Invested Surplus Cash Balance(*vide* page 190)	16,02,750	0	0			
(3) Invested Loan Fund Balances (*vide* pages 190 & 191)	15,52,981	4	0			
(4) Invested Sinking Fund (*vide* pages 119 & 191).	15,65,709	0	8			
(5) Invested Municipal Buildings Fire Insurance, Renewal of Water Mains, Net Premia, &c.,and School Building Funds (*vide* pages 120 & 191) ...	7,08,595	15	11			
(6) Contractors, &c., deposits in Government and other Securities (*vide* page 191) ...	1,66,600	0	0			
				57,99,774	4	0
II.—Advances, Departmental and to Contractors (*vide* page 190)				1,95,890	9	5
III.—Municipal Property—						
(1) Land and Buildings, Tulsi, Vehar, Pawai, & Tansa, &c., Water Works	3,72,98,596	5	5*			
(2) Roads, Bridges & other improvement works...	1,14,74,346	8	9*			
(3) Reserve Stock (*vide* page 192)...	9,01,840	12	6			
				4,96,74,783	10	8
Total Assets...				Rs. 5,56,70,448	8	1
Deduct—Total Liabilities ...				„ 3,89,81,231	9	4
Value of Assets over Liabilities...				Rs. 1,66,89,216	14	9

LIABILITIES.

	Rs.	a.	p.
I.—By various Loans (*vide* pages 186 to 189) ...	3,84,91,027	15	5
II.—Deposits by Contractors, &c. (*vide* page 189)...	4,72,333	10	3
III.—Adjustment item reserved for Loan Works Establishment (*vide* page 189) ...	17,869	15	8
Total Liabilities ...	Rs. 3,89,81,231	9	4

* For the details of these two items aggregating Rs. 4,87,72,942-14-2, *vide* pages 192 to 203.

37. The statement given below shows the financial position at the beginning and end of the year, respectively, with regard to the various loans raised from the public and Government :—

						5 Balance due on 31st March 1897.	6 Interest paid in 1896-97.	7 Total of columns 4 & 6.	Remarks.
	LOANS RAISED FROM GOVERNMENT.				Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1	Vehar Water Works Debt.....	4 per cent		10	12,063 4	25,41,527 15 5	1,01,913 11 7	1,13,976 0 0	* The amount of bonds stipulated to be paid off on 1st January 1897 was Rs. 51,000, which, together with 3 unpaid bonds for Rs. 500 each, for the preceding years, aggregated Rs. 52,500, out of which Rs. 40,500 were paid off during 1896-97, leaving an unpaid balance of Rs. 12,000, which will be repaid when the holders apply for payment.
	LOANS RAISED FROM THE PUBLIC.								† As, under the terms of these Loans, the bonds could not be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has been invested as under :—
2	Drainage Loan of 1878 (Rs. 2[illegible]6,94,000)	5		.....	21,19,500 0 0	* 40,500 0 0	20,79,000 0 0	98,925 0 0	1,39,425 0 0
3	The Sanitary Works Loan of 1885-86 (44 Lakhs).....	5		.....	37,39,000 0 0	†	37,39,000 0 0	1,77,712 8 0	1,77,712 8 0
4	The Sanitary Works Loan of 1888 (7 Lakhs)	5		.....	7,00,000 0 0	†	7,00,000 0 0	32,075 0 0	32,075 0 0
5	The Tansa Water Works Loan (147 Lakhs)	5	"	.....	1,47,00,000 0 0	†	1,47,00,000 0 0	7,07,362 8 0	7,07,362 8 0
6	The Drainage and Water Works Loan of 1888 (12 Lakhs)	5	"	.....	12,00,000 0 0	†	12,00,000 0 0	50,712 8 0	50,712 8 0
7	The Miscellaneous Works Loan of 1888-89 (Drainage and Water Works, Markets and Roads) of Rs. 10,08,500	5	"	.....	10,08,500 0 0	†	10,08,500 0 0	49,800 0 0	49,800 0 0
8	Agripada House Sullage Water Connections Loan of Rs. 2,48,000 of 1889 and 1890.....	5	"	.....	2,48,000 0 0	†	2,48,000 0 0	12,375 0 0	12,375 0 0
9	35 Lakhs Various Sanitary Works Loan of 1890 and 1891.....	5	"	.....	35,00,000 0 0	†	35,00,000 0 0	1,80,137 8 0	1,80,137 8 0
10	Municipal Building Loan of 1891 (8 Lakhs).....	5	"	.....	8,00,000 0 0	†	8,00,000 0 0	40,000 0 0	40,000 0 0
11	Loan of 4½ Lakhs for Fire Brigade Quarters and Stations.....	4	"	.....	4,50,000 0 0	†	4,50,000 0 0	17,338 12 3	17,338 12 3
12	Loan of 42 Lakhs for repayment of the Balance of the 4½ per cent. Government Consolidated Loan	4	"	.....	42,00,000 0 0	†	42,00,000 0 0	1,54,070 0 0	1,54,070 0 0
13	Loan of Rs. 23¾ Lakhs for Drainage and other Works	4	"	.....	23,25,000 0 0	†	23,25,000 0 0	83,710 14 5	83,710 14 5
14	Loan of Rs. 15¾ Lakhs for sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works 1st instalment	3½	"	.....	.....	10,00,000	10,00,000 0 0	‡	10,00,000 0 0
	TOTAL OF LOANS RAISED FROM THE PUBLIC..Rs.				3,59,90,000 0 0	10,00,000	3,59,90,000 0 0	40,500 0 0	3,59,49,500 0 0
	GRAND TOTAL .. Rs.				3,75,43,591 3 10	10,00,000	3,85,43,591 3 10	§ 52,563 4 8	3,84,91,027 15 5

	16,04,249 4 11	16,44,749 4 11
	29 10 3	29 10 3
Grand Total 1 & 2 .. Rs.	12,56,934 8 8	3,45,050 0 0 | 63,734 8 0 = 3,08,784 8 0
	1,82,000 0 0	+ 1,16,000 0 0 = 3,00,000 0 0
Cash deposited with the Bank of Bombay	399 9 0	— 210 2 0 = 189 7 0

	Amount of Sinking Fund invested up to 1895-96.	Balance of Debt Instalments for 1896-97.	Interest accumulations for 1896-97.	Total.
5 PER CENT. LOANS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
44 Lakhs Sanitary Works Loan	4,51,047 15 5	30,550 0 0	23,569 6 6	5,04,167 5 11
7 do. Sanitary Works Loan	57,120 12 0	6,000 0 0	2,844 1 4	65,964 13 4
13 do. Drainage and W. W. Loan.....	1,03,534 5 4	11,000 0 0	5,153 0 1	1,19,687 5 5
Tansa Water Works Loan of 147 Lakhs	1,81,172 0 8	42,000 0 0	9,671 7 1	2,32,843 7 9
Loan of Rs. 10,08,500 for Miscellaneous Works.	70,581 14 9	8,600 0 0	3,534 2 3	82,716 1 0
Agripada House Sullage Water Connections Loan of Rs. 2,48,000 ..	16,330 0 2	2,400 0 0	811 9 3	19,541 9 5
35 Lakhs Various Sanitary Works Loan	1,68,503 2 2	29,000 0 0	8,155 0 8	2,01,058 2 10
Municipal Building Loan of 8 Lakhs. ..	30,834 13 2	7,000 0 0	1,705 14 10	39,540 12 0
1.—Total .. Rs.	10,74,524 15 8	1,86,550 0 0	54,444 10 0	12,65,519 9 8
In 5 % Municipal Debentures for Rs. 12,65,500 at par lodged with the Bank of Bombay	10,74,500 0 0	1,90,994 10 0 + 1,91,000 0 0	=	12,65,500 0 0
Cash deposited with the Bank of Bombay	24 15 8	— 5 6 0	=	19 9 8
4 PER CENT. LOANS.				
Fire Brigade Quarters and Stations Loan of 4½ Lakhs	25,283 15 9	8,100 0 0	1,013 1 5	34,397 1 2
42 Lakhs Loan for repayment of Balance of Government Consolidated Loan	1,57,115 9 3	75,500 0 0	7,781 1 1	2,40,396 10 4
23¾ Lakhs Loan for Drainage and other works	.....	24,900 0 0	495 11 6	25,395 11 6
2.—Total .. Rs.	1,82,399 9 0	1,08,500 0 0	9,289 14 0	3,00,189 7 0
In 4 % Municipal Debentures for Rs. 3,60,000 at par lodged with the Bank of Bombay	1,82,000 0 0	1,17,789 14 0 + 1,18,000 0 0	=	§§ 3,00,000 0 0
Cash deposited with the Bank of Bombay	399 9 0	— 210 2 0	=	189 7 0
Grand Total 1 & 2 .. Rs.	12,56,934 8 8	3,45,050 0 0 | 63,734 8 0 = 3,08,784 8 0		15,65,709 0 8

‡ The Sinking Fund Instalment on account of this Loan, which became due on 1st July 1897, has been invested in 1897-98.

§ Adding Rs. 3,08,784-8-0 set apart as Sinking Fund during 1896-97, the total disbursement for that year on account of repayment of debt amounted to Rs. 3,61,347-12-5.

‖ If the sums of Rs. 3,08,784-8-0 set apart on account of Sinking Fund and Rs. 14,050-13-4 on account of Bank's commission, &c., charges on different Loans were added, the total payments on account of debt would aggregate Rs. 20,81,560-10-3, of which Rs. 25,438-12-3 are chargeable to Fire Brigade.

§§ Includes debentures for Rs. 51,600 and Rs. 8,000 purchased on 6-7-96 and 12-1-97 at 114¼ and 110 per cent. respectively, the premium on which aggregating Rs. 8,067-8-0 was met from the net Pro-

38. The revenue, expenditure and balances of the last five years have been contrasted in the following table :—

	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.
	Rs.	Rs.	Rs.	Rs.	Rs.
Revenue	66,65,187	67,62,695*a*	65,39,373	67,61,710	62,08,978
Expenditure	65,45,512	69,63,928 *b*	68,73,486	67,02,516	70,04,743
Closing balance (including recoverable advances to Loan Works, Reserve Stock, etc., and excluding minor deposits, &c.) ...	29,84,806	35,47,236 *c*	37,13,124 *e*	37,72,318 *g*	29,76,553 *i*
Add—Recoverable Revenue Outstanding	1,15,000	1,05,000	65,000	50,000	2,75,000
	30,99,806	36,52,236	37,78,124	38,22,318	32,51,553
Deduct—Uncompleted Works, &c., the unexpended balances of the grants for which were required for payment in following year...	3,55,296	5,12,460	4,84,218	4,80,048	6,71,162
Net workable balance available for requirements of following year.	27,44,510	31,39,776*d*	32,93,906 *f*	33,42,270*h*	25,80,391 *j*

a Includes Rs. 4,58,699 on account of net premia received on different Municipal Loans raised between 1886-89 and 1893-94, which was credited to current revenue as per Corporation's Resolution No. 9223, dated 11th December 1893.

b Includes Rs. 2,93,849 on account of adjustment of expenses on different Loan Works sanctioned to be met out of premia, which was shown as a charge against current revenue, and the sum of Rs. 1,64,350 on account of the investment of the net balance of the premia.

c & d Excluding the sum of Rs. 9,03,991 on account of the value of Reserve Stock on hand on 31st March 1894, the net closing balances amounted to Rs. 26,43,245 and Rs. 22,35,785, respectively.

e & f Excluding Rs. 9,14,284 on account of the value of Reserve Stock on hand on 31st March 1895, the net closing balances amounted to Rs. 27,98,840 and Rs. 23,79,622 respectively.

g & h Excluding Rs. 8,76,660 on account of the value of Reserve Stock on hand on 31st March 1896, the net closing balances amounted to Rs. 28,95,658 and Rs. 24,65,610.

i & j Excluding Rs. 9,01,841 on account of the value of Reserve Stock on hand on 31st March 1897, the net closing balances amounted to Rs. 20,74,712 and Rs. 16,78,550.

IV. Assessment and Collection of Revenue.

Registration of Properties.

39. The number of properties on the Assessment Book at the close of 1896-97 was 52,959 against 52,499 in the

previous year, or an increase of 460. The details are contrasted in the following table :—

Year.	Classification of properties according to description.				Classification of properties according to liability to pay General Tax.			
	Buildings.	Salt-pans.	Vacant lands, including tanks, &c.	Total.	Number assessed to General Tax.	Number exempted or compounded for on special terms.	Small plots of unproductive land for which no bills are issued.	Total.
1	2	3	4	5	6	7	8	9
1895-96.....	35,083	175	17,241	52,499	40,318	4,493	7,688	52,499
1896-97.....	35,495	146	17,318	52,959	40,653	4,561	7,745	52,959

40. In the year under report 387 buildings were demolished, while 635 new buildings were erected and 297 existing properties were enlarged.

Valuation.

41. The recorded gross value of these properties for the year under report is shown in the following table in contrast with that of the preceding year :—

Closing valuation of 1895-96.	Opening valuation for 1896-97.	Valuation after complaints.		Subsequent amendments.		Closing valuation of 1896-97.				Increase.
		Number of complaints.	Amount after disposal of complaints.	Reductions.	Enhancements.	Valuation chargeable with General Tax.	Valuation exempted from General Tax.	Valuation for which no General Tax bills issued.	Total.	
1	2	3	4	5	6	7	8	9	10	11
Rs. 2,82,56,861	Rs. 2,87,03,341	2,525	Rs. 2,86,71,706	Rs. 2,88,323	Rs. 5,44,725	Rs. 2,62,19,752	Rs. 26,90,398	Rs. 17,473	Rs. 2,89,27,618	Rs. 6,70,737

42. The increase is in the valuation of private properties and is made up as under :—

	Rs.
Erection of new buildings	2,64,476
Enlargements	2,11,862
Rise in rents and correction of under-assessment	1,94,399
Total...Rs.	6,70,737

Property Taxes.

43. The following comparative tables show the increases in property taxes :—

(1) GENERAL TAX.

1895-96.				1896-97.				
8½ per cent. on rateable value.	Compounded sum payable by Government.	Compounded sum payable by the Port Trust.	Total.	8½ per cent. on rateable value.	Compounded sum payable by Government.	Compounded sum payable by the Port Trust.	Total.	Increase.
1	2	3	4	5	6	7	8	9
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
17,06,848 0 1	98,374 0 0	1,52,482 0 0	19,57,704 0 1	17,55,849 8 1	98,374 0 0	1,53,482 0 0	20,06,705 8 1	49,001 8 0

44. The amount of general tax on properties exempt under Section 143 of the Act does not appear in the above table. This amount, as contrasted with that of the previous year, is as under :—

	Rs.	a.	p.
1895-96	2,04,832	2	6
1896-97	2,07,151	13	4

(2) WATER TAX.

1895-96.				1896-97.				Increase.
On Value.	Compounded.	On Meter Measurement.	Total.	On Value.	Compounded.	On Meter Measurement.	Total.	
1	2	3	4	5	6	7	8	9
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
6,12,933 6 5	26,525 14 7	7,58,626 8 10	13,97,085 11 10	6,30,926 14 11	33,873 9 3	7,89,747 4 9	14,54,547 12 11	57,462 1 1

(3) HALALKHORE TAX.

1895-96.			1896-97.			Increase.
On Value.	Special Service.	Total.	On Value.	Special Service.	Total.	
1	2	3	4	5	6	7
Rs. a. p. 5,35,770 12 9	Rs. a. p. 1,27,901 6 11	Rs. a. p. 6,63,672 3 1	Rs. a. p. 5,46,954 6 5	Rs. a. p. 1,50,558 12 1	Rs. a. p. 6,97,513 2 6	Rs. a. p. 33,940 15 5

45. The total demand on account of property taxes for 1896-97 amounted to Rs. 41,58,766-7-6, to which must be added Rs. 66,696-6-6, demands on account of previous years, making a total of Rs. 42,25,462-14-0.

Collection.

46. From the total demand for the year, a sum of Rs. 54,560-5-0 was allowed as drawback under Section 158 (2) of the Act, and the sum of Rs. 2,50,856 was the amount payable by Government and the Port Trust. For the recovery of the remainder bills were issued as under:—

Year.	Bills issued.	
	No.	Amount.
		Rs. a. p.
1893-94	73	13,930 10 3
1894-95	90	16,896 7 2
1895-96	332	35,869 5 1
Total ..	495	66,696 6 6
1896-97	75,097	38,53,350 2 6
Total ..	75,592	39,20,046 9 0

47. The outstanding balance on account of property taxes at the end of 1895-96 was Rs. 74,135-7-10, and the total amount for collection in 1896-97 was Rs. 39,94,182-0-10—exclusive of Rs. 2,50,856—which is the amount payable by Government and Port Trust and which is paid by them direct into the Municipal Treasury without bills being issued for the same. At the end of the year the total amount outstanding was Rs. 2,94,889-5-7. This amount was by the 15th of August 1897 reduced to Rs. 61,558-2-4, Rs. 2,33,331-3-3 having been collected from 1st April to 15th August 1897.

48. The following table gives the details of the amounts which had to be collected during the year:—

Taxes.	To be collected.				Collected.			Uncollected.	DEDUCT.			Balance outstanding at the end of 1896-97.		
									On account of former years.					
	Opening balance outstanding on 31st March 1896.	Total of Bills issued during 1896-97.	Amount payable by Government and Port Trust without Bills.	Total.	On account of former years.	On account of 1896-97.	Total.		Amount written off as per Standing Committee's Resolutions Nos. 438, 5144, 7017 and 10562.	Bills cancelled (amended bills being issued in lieu of the same).	Total.	On account of former years.	On account of 1896-97.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax..	25,314 12 8	17,09,050 14 4	2,50,856 0 0	19,85,221 10 12	18,203 2 7	18,42,316 5 6	18,60,519 8 1	1,24,702 2 9	1 1 9	9,805 4 1	9,806 5 10	5,066 15 4	1,09,828 13 7	1,14,895 12 11
Water Tax ..	20,780 5 10	14,59,307 14 2	....	14,80,088 4 0	19,019 4 5	13,50,157 13 2	13,69,177 2 2	1,10,911 1 10	0 13 9	3,971 12 4	3,972 10 1	2,548 9 7	1,04,389 15 2	1,06,938 7 9
Halalkhore Tax.. ..	28,940 5 0	7,51,687 12 6	....	7,79,728 2 0	60,804 11 11	6,33,069 6 10	6,93,874 2 9	85,853 15 3	1 9 11	12,797 4 5	12,798 14 4	8,611 5 3	64,443 11 8	73,055 0 11
TOTAL ..	74,135 7 10	39,20,046 9 0	2,50,856 0 0	42,45,038 0 10	98,027 2 11	38,25,543 10 1	39,23,570 13 0	3,21,467 3 10	3 3 5	26,574 4 10	26,577 14 3	16,226 13 2	2,78,662 8 9	2,94,889 5 7

Tax on Vehicles and Animals.

49. The opening outstanding balance on account of this tax was Rs. 5,911-3-7. The demand for the year ending 31st December 1896, was Rs. 1,85,321-12-4, as against Rs. 1,80,590-3-11 for the previous year, and bills to the extent of Rs. 303-11-1 were issued on account of tax due for former years, so that the total demand was Rs. 1,91,536-11-0. The amount actually collected during the year was Rs. 1,72,377-5-6, against a collection of Rs. 1,78,056-11-3 in the previous year.

50. The amount recovered on account of licensed public conveyances, including license fees and fees for badges, and the amount realized from tolls at the Mahim and Sion Causeways, as contrasted with the previous year, is as follows :—

Years.	Tax on Public Licensed Conveyances.	License Fees.	Fees for Badges.	Toll Fees at Mahim and Sion Causeways.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1895-96	1,67,967 8 0	5,020 0 0	7,853 8 0	19,528 14 0
1896-97	58,450 12 0	2,638 2 0	3,627 12 0	15,863 4 0

51. The reduction in the produce of these taxes is chiefly due to a reduction in the rates sanctioned by the Standing Committee. It may be noted that since the removal of Police headquarters to Carnac Road, these taxes, fees, &c., have been paid in direct at the Chief Accountant's Office.

Property Taxes and Taxes on Vehicles and Animals.

52. The following tables show—**A** the total assessment, **B** the collection and outstanding balances under these heads for the year as compared with those of the preceding four years.

Table A.

Total Assessment on account of Property Taxes and Wheel Tax.

Years.	No. of Properties.	Gross annual value at the end of the year.			ASSESSED DEMAND.											
					Property Taxes.									Wheel Tax, including Public Conveyances and Toll on Causeways.	Total Demand.		
		Valuation chargeable with General Tax.	Valuation exempt from General Tax under Section 143 of the Municipal Act and Section 36 of the Port Trust Act.	Total.	General Tax, including compounded payments by Government and Port Trust.			Water Tax.	Halalkhore Tax.	Total of Property Taxes.					Leviable.	Not leviable.	Total.
					General Tax leviable.	General Tax not leviable.	Total.			Leviable.	Not leviable.	Total.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1892-93 ..	51,344	2,40,19,171	23,84,811	2,64,03,982	18,92,367 7 8	1,87,803 15 2	20,80,171 6 10	12,53,048 5 0	5,91 563 1 9	37,36,978 14 5	1,87,803 15 2	39,24,782 13 7	3,42,596 11 8	40,79,575 10 1	1,87,803 15 2	42,67,379 9 8
1893-94 ..	51,673	2,45,06,857	24,72,871	2,69,79,728	18,75,615 9 3	1,89,174 10 9	20,64,790 4 0	12,67,355 12 11	6,55,294 8 0	37,98,265 14 2	1,89,174 10 9	39,87,440 8 11	3,44,966 8 0	41,43,232 6 9	1,89,174 10 9	43,32,407 0 11
1894-95 ..	52,148	2,50,94,448	25,19,293	2,76,13,741	19,20,589 5 1	1,92,725 15 11	21,13,315 5 0	13,68,942 1 0	6,42,593 4 8	39,32,124 11 3	1,92,725 15 11	41,24,850 11 2	3,56,936 1 1	42,89,060 12 4	1,92,725 15 11	44,81,786 12 3
1895-96 ..	52,499	2,55,79,337	26,77,544	2,82,56,881	19,57,704 0 1	2,04,832 2 6	21,62,536 2 7	13,97,085 11 10	6,63,572 3 1	40,18,361 15 0	2,04,832 2 6	42,23,194 1 6	3,68,086 9 11	43,86,448 8 11	2,04,832 2 6	45,91,280 11 5
1896-97 ..	52,959	2,62,19,752	27,07,866	2,89,27,618	20,06,705 8 1	2,07,151 13 4	22,13,857 5 5	14,54,547 12 11	6,97,513 2 6	41,58,766 7 8	2,07,151 13 4	43,65,918 4 10	2,59,635 12 4	44,18,402 3 10	2,07,151 13 4	46,25,554 1 2

TABLE B.

Total Demands, Collections and Balances on account of Property Taxes and Wheel Tax, including License Fees and Fees for Badges on Public Conveyances and Tolls at Mahim and Sion Causeways.

Years.	Amount to be collected.			Bills written off under Standing Committee's Resolutions and Bills recalled for amendment	Collections.	Outstanding Balance on 31st March.
	Opening Outstanding Balance.	Demand assessed for the year and for former years during the year.	Total.			
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1892-93 ...	4,70,827 14 2	41,25,599 0 9	45,96,426 14 11	1,11,890 8 10	43,47,629 4 2	1,36,907 1 11
1893-94 ...	1,36,907 1 11	41,21,308 0 10	42,58,215 2 9	11,771 8 11	40,95,990 15 4	1,50,452 10 6
1894-95 ...	1,50,452 10 6	42,99,843 6 3	44,50,296 0 9	79,926 10 7	42,86,095 4 9	84,274 1 5
1895-96 ...	84,274 1 5	43,56,893 15 6	44,41,168 0 11	9,849 10 2	43,51,271 11 4	80,046 11 5
1896-97 ...	80,046 11 5	44,37,107 14 5	45,17,154 9 10	29,454 6 6	41,76,528 0 6	3,11,172 2 10

Miscellaneous Revenue.

53. The receipts from Miscellaneous Revenue in the year under report, as contrasted with the previous four years, are as follow :—

Years.	Notice Fees.	Warrant Fees.	Inspection Fees.	Battakee Fees.	Duplicate Bill Fees.	Sundries.	Hire of Meters.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1892-93 ..	3,661 0 0	130 4 0	49 8 0	2,628 0 0	35 0 0	399 5 4	8,719 14 11
1893-94 ..	3,405 8 0	85 8 0	54 0 0	2,424 0 0	36 8 0	254 9 0	8,375 6 0
1894-95 ..	2,909 8 0	66 4 0	70 0 0	2,775 0 0	19 8 0	241 8 7	8,711 7 7
1895-96 ..	2,571 12 0	43 12 0	65 4 0	2,991 0 0	11 10 0	142 11 8	12,786 10 8
1896-97 ..	2,062 4 0	36 0 0	79 0 0	2,241 0 0	8 6 0	219 6 4	10,600 13 7

Refunds.

54. The total amount of refunds, for which certificates were granted on account of vacancies and over-collections under all heads, amounted to Rs. 14,439-13-8, the details of which are as follow :—

Taxes.	For 1889-90.	For 1890-91.	For 1892-93.	For 1893-94.	For 1894-95.	For 1895-96.	For 1896-97.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax ..	..	..	10 9 3	27 2 5	22 15 8	3,606 14 1	2,470 11 1	6,138 4 6
Water Tax ..	21 9 8	21 9 8	..	1 7 1	174 8 3	1,359 8 9	1,008 7 11	2,587 3 4
Halalkhore Tax.	..	..	..	1,456 4 10	924 13 3	2,544 2 6	758 15 0	5,684 3 7
Wheel Tax ..	..	..	..	..	....	....	26 0 0	26 0 0
Meter Hire ..	..	..	..	..	....	....	4 2 3	4 2 3
Total .	21 9 8	21 9 8	10 9 3	1,484 14 4	1122 5 2	7,510 9 4	4,268 4 3	14,439 13 8

Appeals to the Chief Judge of the Small Causes Court.

55. There were only fourteen appeals to the Chief Judge of the Small Causes Court, which were all against valuation of properties, except one against Halalkhore tax, and one against both valuation and Halalkhore tax and were disposed of as under :—

Subject of Appeal.	Number of Appeals.	How disposed of.				Total.
		Dismissed.	Allowed.	Withdrawn by the Appellants	Settled by consent.	
Valuation	12	2	2	...	8	12
Halalkhore Tax ...	1	1	...	...	...	1
Valuation & Halalkhore Tax	1	...	...	...	1	1
Total ..	14	3	2	...	9	14

56. The dislocation of business and the absence of numerous rate-payers in consequence of the plague might have been expected to interfere very seriously with the assessment and collection of taxes. It is true that the balance outstanding at the end of the year was very high (Rs. 3,11,172 as against Rs. 80,046 on the 31st March 1896), but by the 15th August it had been all collected with the exception of Rs. 64,378-15-4. This is very creditable to the department which, with few exceptions, worked zealously and well. Three clerks and five peons succumbed to the plague and the Municipality suffered a heavy loss in the death of Mr. Pirozshah Rustomjee, 1st Assistant Assessor, from the same cause.

REVENUE AUDIT.

57. The books and balances of the Ward Clerks in all the seven Ward Offices of the City were duly examined at the end of each quarter, and the bills checked in detail after comparison with the Head Office accounts. The Assessment Books in the Head Office were also examined with a view to ascertain that no property had escaped its liability for taxation. The books relating to the collection of taxes

on animals and vehicles were also examined and the entries checked. 12,978 claims for $\frac{1}{3}$ drawback under Section 158(2) were received and scrutinized, as against 12,192 in the preceding year. In Forms 11, 11-A and 11-B referring to increase and decrease of valuations 6,676 entries were checked as against 6,602 in the previous year and traced through all the Assessment and Collection accounts. The number of complaints against valuations heard by the Revenue and Refund Audit Officer rose from 778 to 943 in the year under report, and decisions on 392 cases of complaints against amendments under Section 167 were scrutinized.

58. The revenue receipts or vouchers of the following departments were also examined and checked:—

	No. of receipts.	Amount.
		Rs. a. p.
Engineer's Department	7,178	41,509 12 10
Health Department	21,925	64,710 12 10
Markets and Slaughter-houses ...	14,442	3,95,440 13 6
Victoria Gardens	3,119	6,238 14 5

59. In the Licensing Department 5,488 licenses were granted as against 5,884 in 1895-96. Each of these was scrutinized with special reference to the amount of fee leviable, and in the case of explosives, the stamp duty payable.

60. The number of claims for refund sanctioned after examination on account of vacancy or over-collection was 550, amounting to Rs. 14,439-13-8.

TOWN DUTIES.

61. The following table shows in detail the increases and decreases in collections, refunds and net revenue for the year. The total collections for the year under report amounted to Rs. 15,30,411-2-1 against Rs. 16,81,667-3-7 in the preceding year; the decrease of Rs. 1,51,256-1-6 occurred under all heads, except flour and beer. There was a reduction of Rs. 13,516-14-0 in the amount of refunds paid, but the net result was a diminution of Rs. 1,37,739 in the income from Town Duties, the figures being Rs. 7,43,640-1-1 in 1896-97 as against Rs. 8,81,379-4-7 in 1895-96.

STATEMENT contrasting the Collections, Refunds, and Net Revenue from Town Duties for the Years 1895-96 and 1896-97.

Name of Article.	COLLECTIONS.						REFUNDS.								NET REVENUE.			
	1895-96.		1896-97.		Increase in 1896-97.	Decrease in 1896-97.	1895-96.			1896-97.			Increase in 1896-97.	Decrease in 1896-97.	1895-96.	1896-97.	Increase in 1896-97.	Decrease in 1896-97.
							On account of Exports.	On account of Articles supplied to Government.	Total.	On account of Exports.	On account of Articles supplied to Government.	Total.						
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain@ As. 4 per candy.....	....	....	....				64 13 0			....								
„ As. 2 „	2,37,147 12 3		2,07,798 15 0				1,08,105 10 0			74,478 4 0								
Total..Rs.		2,37,147 12 3		2,07,798 15 0	....	29,348 13 3		1,08,170 7 0	.....		74,476 4 0	.....	74,476 4 0	....	33,694 3 0	1,18,788 3 9	1,24,428 2 0	5,639 14 3	....
Flour @ As. 1½ per candy		11 15 6		23 14 0	11 14 6	....		10,201 1 0	.....		8,918 7 0	.....	8,918 7 0	....	1,282 10 0				
Sugar @ As. 8 per cwt.		8,15,934 11 3		7,68,920 3 6	....	47,014 7 9		6,06,007 0 0	.....		6,09,325 9 0	.....	6,09,325 9 0	3,318 9 0	....	2,09,927 11 3	1,59,594 10 6	....	50,333 0 9
Wines and Spirits, @ As. 4 per imperial gallon		2,28,288 5 1		2,15,751 2 5	....	12,537 2 8		17,278 8 0	645 13 0		15,382 10 0	58 4 0	16,140 14 0	....	1,683 7 0	2,10,364 0 1	1,99,310 4 5	....	11,053 11 8
Beer @ pies 6 per impl. gallon ..		24,151 2 5		26,680 5 9	2,529 4 4	....		13,011 8 0	.....		17,533 2 0	.....	17,533 2 0	4,521 10 0	....	11,139 10 5	9,147 4 9	....	1,992 5 8
Ghee @ As. 8 per B'bay maund.		2,02,457 2 9		1,79,565 5 3	....	22,891 13 6		23,111 7 0	.....		44,454 8 0	.....	44,454 8 0	21,343 1 0	....	1,79,345 11 9	1,35,110 13 3	....	44,234 16 6
Timber @ 2½ per cent. on Market value		1,32,772 15 10		1,05,053 5 2	....	27,719 10 8		21,862 3 0	.....		15,622 5 0	.....	15,622 5 0	....	6,239 14 0	1,10,910 12 10	89,431 0 2	....	21,479 12 8
Firewood @ As. 1 per candy ..		40,903 2 6		26,617 14 0	....	14,285 4 6		....	.....		....	.....	....	....	....	40,903 2 6	26,617 14 0	....	14,285 4 6
Total..Rs.					2,541 2 10	1,53,797 4 4								29,183 4 0	49,700 2 0			5,639 14 3	1,43,379 1 9
						2,541 2 10									29,183 4 0				5,639 14 3
Total..Rs.		16,81,667 3 7		15,30,411 2 1		1,51,256 1 6		7,99,642 2 0	645 13 0		7,86,712 13 0	58 4 0	7,86,771 1 0		13,516 14 0	8,81,379 4 7	7,43,640 1 1		1,37,739 3 6

V.—Public Works.

SPECIAL DRAINAGE.

62. For the purpose of carrying out the various large schemes of drainage required in the City, Mr. James W. Smith, M.I.C. E., the Drainage Engineer of the Municipality of Bombay, was appointed to be in charge of these works under the designation of Special Drainage Engineer, with effect from 1st March 1893. He continued to hold that office during the year under report, acting also as Executive Engineer for three months, from 22nd September 1896, during Mr. Murzban's absence on privilege leave. The unfinished works in progress and the new works sanctioned or commenced during the year were as follows :—

UNFINISHED WORKS.

A.—Colaba Sewerage Works.

B.—Umarkhadi Sewerage Works.

C.—Connaught Road and Sussex Road Drainage and Sewerage Works.

D.—Parel Sewerage Works.

E.—Mazagon Sewerage Works.

F.—Malabar Hill and Khambala Hill Sewerage Works.

NEW WORKS COMMENCED.

G.—House Drainage Connections (street portions) in the Colaba district.

H.—Fergusson Road and Chinchpokli Sewerage Works (gravitation, a portion, *i.e.*, 18″ pipe sewer in DeLisle road).

I.—Draining storm-water from the Public roads around the Mahalakshmi dhobiwada.

J.—Laying 9″ pipe drains for the carriage of storm-water to the sea from the southern part of Wodehouse road.

WORKS SANCTIONED BY THE CORPORATION, BUT NOT COMMENCED.

K.—Old Race Course Sewerage Works (gravitation portion).

L.—Improvement of road-side drains with masonry gullies in the Khetwadi district.

M.—Ovoiding side-drains in Girgaum road from Thakurdwar road to the Portuguese Church.

N.—Masonry drain from Girgaum road passing through the night-soil depôt lane and across Mathew road and the Bombay, Baroda and Central India Railway to Back Bay.

O.—Opening out the water-course to the west of Mr. Kama's property, Parel road, and constructing a covered drain thereat.

P.—Storm-water drain with water gullies in Rampart Row opposite the Elphinstone College.

Q.—Storm-water drain in Wodehouse road near the Y. M. C. A. buildings.

A.—Colaba Sewerage Works.

63. Works in pipe sewers were practically completed departmentally in February 1896. Some minor defects, more especially in manholes, have since been remedied.

64. The suit brought against the Municipality by the original contractors, Messrs. Bulkley & Co., was dismissed with costs on 10th August 1896.

65. On appeal the case was again decided favourably to the Municipality, and at the close of the year the Commissioner of the Court was engaged in taking a preliminary account to decide if any money was due to the plaintiffs.

Works in Air-compressing Machinery, &c.

66. This part of the work was completed by the contractors, Messrs. Hughes and Lancaster, by 1st May 1895.

67. All that remained to be done during the year under report was a test over the whole system of air mains actuating the ejectors.

68. The contractors' agent was so dilatory in remedying the defects discovered, that, at the request of Mr. Ault, who arrived in Bombay in November 1896, the work was, with the Commissioner's sanction, carried out departmentally.

69. The mains were finally tested, with satisfactory results, at the end of December, and with the sanction of the Standing Committee the contract was disposed of and the accounts finally settled before the close of the year.

70. The total cost, including erection, amounted to Rs. 3,26,246-8-10, as detailed below :—

	Rs.	a.	p.
Air-compressing machinery, including ejectors and cost of erection	2,60,623	2	3
Air-mains and sealed sewage mains, including cost of laying	51,509	10	8
Vent-shafts and fittings	13,133	11	11
Erection of vent-shafts	980	0	0
Total Rs....	3,26,246	8	10

Works in Engine House, Boiler House, Coal Store, Chimney, Engineer's and Firemen's Quarters at the Compressor Station, Works in Ejector Chambers and Works in excavation and masonry for Air Mains and Sealed Sewage Mains.

71. These works were practically completed on 1st October 1895, and only some minor works remained to be carried out departmentally. The total expenditure against the allotment of Rs. 82,239 was as follows :—

	Rs.	a.	p.
Amount of the final bill paid to contractors ...	79,076	5	6
Minor works done departmentally	1,102	8	8
C. I. floor plates supplied and fixed in place of W. I. floor plates, included in original contract ...	730	0	0
Total Rs.	80,908	14	2

B.—Umarkhadi Sewerage Works.

72. As explained last year, the completion of these works was entrusted to Mr. Shitaram Laxuman.

73. The contract time for their execution expired on 6th September 1896 ; they were, however, not finished till 9th

January 1897, and certain minor defects were not all remedied till the end of May.

74. The final bill amounts in gross to Rs. 1,33,931, as against the contract amount of Rs. 1,81,011.

75. The total expenditure on the works to the end of the financial year was Rs. 2,92,379-4-9.

C.—Connaught Road and Sussex Road Drainage and Sewerage Works.

76. These works are in the same position as last year.

77. There still remain for construction the metal vent-shafts, which cannot be put up until buildings are erected suitable to receive them, and the connections of the service pipes of the flush tanks which cannot be made until water mains are laid in the roads.

78. Rs. 2,900 have been reserved from the sanctioned grant to meet the cost of these works.

D.—Parel Sewerage Works (gravitation portion).

79. These works, including the remedy of all defects, were completed at the end of November 1896.

80. The contracted period, which had already once been extended for a month, was further extended to 17th April 1896, and the cost, amounting to Rs. 1,559, of extra establishment retained on account of the non-completion of the work was recovered from the final bill.

81. The total expenditure at the close of the financial year under report was as follows :—

Establishment	Rs.	6,695	2	0
Contingencies	„	2,667	7	9
Work	„	45,705	13	1
Road repairs	„	3,059	6	5
	Rs.	58,137	13	3

E.—Mazagon Sewerage Works (gravitation portion).

82. This work was commenced by the contractors, Messrs. Sulemanji Mulla Abdulalli & Co., on 24th November 1895.

83. The works are to be completed by 24th November 1897, and so far the progress is satisfactory.

84. Against the sanctioned grant of Rs. 3,32,661, an expenditure of Rs. 2,32,945-9-6 had been passed up to the close of the year.

F.—Malabar Hill and Khamballa Hill Sewerage Works (gravitation portion).

85. These works were commenced by the contractor, Mr. Sayaji Naguji, on 1st December 1895, and were completed at the beginning of January 1896, five months before the expiry of the contract period. Against the total grant of Rs. 1,57,026, an expenditure of Rs. 1,21,061-0-3 had been passed up to the close of the year under report, and the final bill was under preparation.

G.—Street Portions of House Drainage Connections in Colaba District.

86. The contract for these works was given to Mr. Palanji Edulji, Plumber. The contract was executed on 12th November 1896, and by the end of February 1897 the work had been completed for 53 houses at a cost of Rs. 3,000, the amount originally fixed for the contract.

87. The work was satisfactorily done, and in view of the plague and the scarcity of labour, the Standing Committee sanctioned a variation of the contract, whereby the remainder of the work was entrusted to the same contractor at his schedule rates. Good progress is being made.

H.—Ferguson Road and Chinchpokli District (gravitation portion).

88. It was impossible to commence these works as a whole before the monsoon of 1896, but relief of the overworked pipe sewer in the DeLisle road was essential, and accordingly the work of laying the 18″ pipe sewer in that road was entrusted to Messrs. Sulemanji Mulla Abdulalli &

Co. in extension of their contract for the Mazagon Sewerage Works. The cost amounted to Rs. 17,642. The remainder of the works was entrusted to Mr. Sayaji Naguji and good progress was made before the burst of the 1897 monsoon.

89. Against the total grant of Rs. 88,117, the expenditure of Rs. 23,992-0-6 had been passed up to the close of the year.

I.—Draining Storm-water from the Public Roads round the Mahalaxmi Dhobiwada.

90. The execution of this work was sanctioned at a cost of Rs. 1,415 out of savings from Loan Works. It was practically completed by the petty works contractors at the end of February.

91. The total expenditure amounted to Rs. 1,152-5-1, showing a saving of Rs. 262-10-11 on the sanctioned grant.

J.—Laying 9" Pipe Drains for the carriage of Storm-water to the Sea from the Southern part of Wodehouse Road.

92. This work, which was also sanctioned out of savings from different Loan Works, was similarly entrusted to the petty works contractors, and was completed in February 1897.

93. The total expenditure amounted to Rs. 1,992-1-3, showing a saving of Rs. 15-14-9 against the total grant of Rs. 2,008.

K.—Old Race Course Sewerage District (gravitation portion).

94. The contract for this work, including a pipe sewer in Bapty Road, was given to Messrs. Sulemanji Abdulalli and Co., the only tenderers, at Rs. 35,846, and was executed in June 1897. The total grant is Rs. 46,270.

L.—Improvement of Roadside Drains with Masonry Gullies in the Khetwadi District.

95. This improvement was sanctioned by the Corporation in view of the nuisance resulting from the defective gradient of the side drains in Khetwadi.

96. The first estimate amounted to Rs. 90,970, but an alternative scheme to cost Rs. 54,486 was subsequently preferred.

97. The work was entrusted to Messrs. Vithal Sayana & Co., the lowest tenderers, at Rs. 43,313.

98. The order to commence the work was given on 19th May 1897, and satisfactory progress is being made.

M.—Ovoiding Side-drains in Girgaum Road.

99. The Corporation sanctioned this work at a cost of Rs. 15,588, payable from savings in different Loan Works in February 1896.

100. Mr. Sayaji Naguji was the lowest tenderer at Rs. 12,382, and he had practically finished the work before the monsoon burst in 1897.

N.—Masonry Drain from Girgaum Road passing through the Night Soil Depôt Lane and across Mathew Road and the Bombay, Baroda and Central India Railway to Back Bay.

101. The Corporation sanctioned this work out of similar funds and on the same date as the last at a cost of Rs. 23,678.

102. Tenders will be invited towards the close of the current monsoon.

O.—Opening out of the Water Course to the West of Mr. Kama's property, Parel Road, and constructing a covered drain thereat.

103. The Corporation sanctioned this work out of similar funds and on the same date as the last at a cost of Rs. 7,629.

104. The first portion of the work had to be postponed owing to difficulties raised by Mr. Kama.

105. The latter portion was entrusted to Mr. Sayaji Naguji, the lowest tenderer, at Rs. 3,408-1-7.

106. The work was completed in June 1897.

P.—Storm-water Drain with Water Gullies in Rampart Row opposite the Elphinstone College.

107. This work was sanctioned by the Corporation in February 1897 at a cost of Rs. 5,550 out of savings in different Loan Works.

108. It has been entrusted to Messrs. Sulemanji Mulla Abdulalli & Co. and is in progress.

Q.—Storm-water Drain, Wodehouse Road, near the Y.M.C.A. Buildings.

109. This work was sanctioned by the Corporation out of similar funds and on the same date as the last at a cost of Rs. 5,977, and has been entrusted to the same contractors.

Supply of Stone-ware Pipes, &c.

110. The supply of stone-ware pipes and fittings for the gravitation portions of the Mazagon and the Malabar Hill and Cumbala Hill Sewerage Works under the contract with Messrs. Richardson and Cruddas was finally completed within the contract time, but was so irregular as to occasionally cause serious inconvenience.

111. The delay in the supply of 18″ pipes, &c., for the pipe sewer in DeLisle Road prevented its completion before the monsoon of 1896.

112. The stone-ware pipes and fittings for the sewerage of the Ferguson Road and Chinchpokli and the old Race Course gravitation districts, and for the Bapty Road pipe sewers were ordered from Messrs. Richardson and Cruddas and punctually delivered.

113. The same firm were the lowest tenderers at Rs. 28,350 for the 26″ pipes, &c., required for the Ferguson Road and Chinchpokli sewerage district. Their offer was accepted and the order for their supply was given at the end of January 1897.

114. The cement required for all works was obtained from the Deputy Executive Engineer, Drainage.

Colaba Compressor Station.

115. The Shone system has worked uniformly well during the year under report, though it has not yet been possible to work up to full power owing to the comparatively small number of houses connected, and the consequently small volume of sewage to be lifted.

116. The Shone system at Colaba was placed in charge of the Special Drainage Engineer on 1st September 1896.

117. On July 23rd, 1896, a mishap occurred in Ejector Station No. 2. Its nature has been fully explained by the Special Drainage Engineer in his report. It was rectified the following day.

118. The Corporation in June 1896 sanctioned Rs. 3,169 from surplus cash balance to meet the cost of an Electric light installation at the Compressor Station, and Rs. 547-8-0 for the annual lighting charges. This work was near completion at the close of the year. At the same time a grant of Rs. 712-4-3 was sanctioned for fitting up and working an automatic electric tell-tale arrangement, designed by Mr. Hewett to give warning at the Compressor Station should any of the Ejectors fail in their work, and an agreement for two years was made with the Telephone Company for working this tell-tale system. The work has been completed at Ejector stations Nos. 1 and 2, is in progress at No. 3, and will not be put in hand at Nos. 4 and 5 until house connections with the sewers in their respective districts have been made.

119. A small Worthington Donkey pump for supplying feed-water to the boilers, and a 6" double barrel hand pump for use in the event of any of the underground pipes requiring attention during the monsoon were purchased during the year at a cost of Rs. 280 and Rs. 300 respectively. Five hundred square feet of silicate boiler cloth for more efficiently logging the boilers were also purchased at a cost of Rs. 406-4-0.

120. The Compressor Station with its contents has been insured for Rs. 1,50,000.

121. The following statement shows the grants under the several Budget Heads for the maintenance of the station and the actual expenditure incurred under each head :—

Sections.	Particulars.	Budget grants including transfers and renewed grants.	Expenditure.
		Rs. a. p.	Rs. a. p.
1	Establishment	6,876 0 0	6,570 13 4
2	Coal	14,320 0 0	11,223 14 2
3	Repairs to Machinery	1,000 0 0	549 15 2
4	Contingencies and Stores ...	2,680 0 0	2,559 0 11
5	Repairs to Buildings	200 0 0	23 8 5
6	Telephone Connection	275 14 8	188 6 8
7	Water-Supply	1,566 15 8	718 2 10
8	Lighting by Electricity	3,169 0 0	1,300 0 0
	Total ...	30,087 14 4	23,133 13 6

DRAINAGE.

122. *Pumping Station, Love Grove, Worli.*—The Worthington pumps continued to work satisfactorily, but their average efficiency deteriorated from 94 to 91 per cent. This, however, is creditable, considering the nature of the fluid that passes through the pumps, and the fact that they have been at work 4 years without repair. As, towards the end of the year, the figure fell below 90 per cent., the renewal of the bushes of No. I engine was put in hand. The left hand pump rod of the same engine, and some of the valve frames, broke during the year, but no other serious fractures occurred, and these were speedily rectified.

123. During the heavy rain of June and July, the mouth of one of the barrels of the outfall sewer became partially obstructed, as happened more than once in the previous monsoon.

124. The sewers of the City were absolutely unaffected, all surplus discharging itself without difficulty through the manhole openings at the outfall.

125. At the close of the monsoon, a diver was employed for 7 days at a charge of Rs. 300, and removed all loose boulders and concrete from near the point of discharge.

126. The slightly reduced efficiency already noted, the concentrated monsoon, and the plague, all contributed to demand extra work from the pumps, and accordingly the coal grant had to be supplemented by Rs. 7,000.

127. At present rates, experience shows that the use of good indigenous coal produces a saving of Rs. 13 *per diem*, the greater efficiency of English coal being more than counterbalanced by the difference in cost.

128. The mechanical stokers referred to last year have not proved a success, for, though they greatly reduce the smoke, they cause increased consumption of coal.

129. The Indian patent stone plastering applied to one of the condensing tanks last year to prevent leakage, has effected some economy of water, but further experience is necessary before deciding whether it is advisable to treat the remaining tanks in the same way.

130. Various small additions and improvements were made during the year, and some progress was made with the scheme for providing an enlarged shred-lifter chamber, and a new office and godown at the station: the Corporation sanctioned the conversion of the old engine-house into an office and godown, and the construction of a shred-lifter chamber at a cost of Rs. 25,625.

131. The plague was very severe at Worli, but the only Municipal servant carried off was one of the head oilmen; some difficulty was however experienced in keeping up the full staff of men.

132. The channel on the sea side of the Love Grove sluices becomes increasingly foul, and will eventually require serious attention.

HOUSE CONNECTIONS.

133. The Resolution of the Corporation of 18th June 1896 deciding that the Municipality should bear the cost of constructing the street portions of house connections is given in the Executive Engineer's report.

134. A grant was made for the staff for house connection work in Colaba and Parel, and an advance of rupees one lakh was sanctioned for the purchase of materials.

135. In consequence of the plague, further provision was made for house connection work in Mandvi and in the Kalachowki Road, Mughbat and Carnac Road. Work was entirely completed for 39 houses, and in addition the street portion was executed departmentally for 25.

136. The sanitary fittings of 385 houses in Mandvi and elsewhere were removed, cleaned, disinfected, repaired and re-fixed, and those of 70 houses disinfected. The drainage arrangements of 36 houses were thoroughly remodelled. Up to the close of the year the certified expenditure on these works was Rs. 65,776-11-7 and similar work was still in progress.

DRAINS AND SEWERS, CATCH-PITS, WATER GULLIES, MANHOLES, VENT SHAFTS, &c.

137. *Ovoiding Side-drains in Northbrook Street.*—As the result of strong representations, Rs. 4,211 were granted for rebuilding and ovoiding the drains with proper gradients in Northbrook Street, and up to the close of the year Rs. 2,565 had been spent. The work, which was carried out departmentally, was still in progress. The construction of an open drain in the line of the water-course near Elphinstone Road between Suparibag Road and the tank at the north end of DeLisle Road was completed at a cost of Rs. 12,626-7-0. A storm-water drain in the ground recently added to the Victoria Gardens was sanctioned at a cost of Rs. 6,618, and a contract for it was about to be executed at the close of the year.

138. The cleansing of the open main drain from the Municipal Depôt at Bellasis Bridge to the Love Grove Sluice gates was completed departmentally, the expenditure during

the year amounting to Rs. 1,378. Rs. 2,800 were spent out of a grant of Rs. 6,735 for repairing and renewing a portion of the double-barrelled storm-water drain running through the Mint compound from Mint Road near the North entrance of the Town Hall. The work was in progress at the close of the year.

139. The arrangements sanctioned in pipe sewer manholes for discharging sewage from a higher to a lower level without splash were completed departmentally in October at a total cost of Rs. 4,864.

140. Of the sum of Rs. 3,016 sanctioned for constructing 16 large and 60 small catchpits on pipe sewers and branch drains, a balance of Rs. 4,861 remained available, and there were still 1 large and 26 small catchpits to be constructed. It was decided to utilise most of this balance on one large catchpit on the Mint Road sewer, but owing to the feeling against opening the sewer during the plague, the work had not been taken in hand up to the close of the year.

141. Two water-gullies at Clerk Road and at Fort Street near Bazaar Gate Garden respectively were constructed by the petty work contractors at a cost of Rs. 810. The new Tidal Flap at the mouth of the Sonapur drain was completed departmentally at a cost of Rs. 4,377. Automatic Sewage Height Recorders were fixed, one in Shaikh Memon Street and the other in Khetwadi, 10th Lane, by Messrs. John Fleming & Co. The work was finished on the 24th April 1896 at a cost of Rs. 1,734; the masonry work and connection with the Municipal Sewers being carried out departmentally at a cost of Rs. 1,155.

142. Five masonry and 4 metal vent shafts were erected in various localities by the petty work contractors at a cost of Rs. 2,943.

143. The grant of Rs. 2,000 for constructing permanent manholes remained unexpended, pending the selection of sites for them : but 362 manholes were constructed on the Port Trust Estate, and a large quantity of silt removed from the drains at a total cost of Rs. 30,046 in connection with the measures for the suppression of the plague. Thirty-five entrances were also made on the Frere Road drain and the silt removed from it at a cost of Rs. 3,340.

144. In October 1896 the Corporation sanctioned a grant of Rs. 27,092 for providing an installation for the electrolization of sea water. The contract was given to Messrs. Richardson and Cruddas at Rs. 23,550. The Carnac Bunder night-soil depôt was selected as the most suitable site, and after some delay, a successful trial of the plant was carried out on February 28th. Subsequently a leak in the old pipe utilized for suction purposes rendered the experiment abortive, and further proposals on the subject were under consideration at the close of the year. The amount expended up to March 31st was Rs. 23,800. Little progress was made with the conversion of the night-soil depôts at Bhangi Mohalla and Haines Road into receiving depôts, for which the Corporation sanctioned a grant of Rs. 15,587 ; labour difficulties in consequence of the plague interfered with the former; and the site for the latter had not been finally selected up to the close of the year.

145. A contract was executed for the erection of a windmill pump to lift sub-soil water at Kamatipura, and among other miscellaneous works carried out during the year may be noted the construction and improvement of a number of latrines and urinals, the improvement of the water-supply, and the provision of flushing arrangements at the Halalkhore chawls in Kharsetji Suklaji Street, the construction of three automatic flush tanks to utilize the water escaping from air valves on the Tansa main, and the fixing of seven cast-iron pipes, and the construction of five wells for the observation of sub-soil water.

146. The sluices and penstocks under the supervision of the staff have continued to work satisfactorily, and the miscellaneous duties of repairs, alterations, construction, flushing and cleansing were efficiently performed. Of 2,342 notices issued for compliance with the requirements of the Municipal Act, 840 were complied with.

147. Five hundred and three summonses were taken out, of which 127 were withdrawn and 376 complied with ; the amount of fines inflicted upon conviction totalled Rs. 552.

148. There was a considerable reduction in the number of summonses issued owing to the absence of a large number of householders in consequence of the plague.

149. The value of drainage stock, such as stoneware pipes, iron fittings, cement, at the commencement of the year was Rs. 3,58,770. Receipts and issues amounted to Rs. 2,80,561 and Rs. 2,56,148 respectively.

150. The value of stock-in-hand at the close of the year was Rs. 3,83,182.

WATER WORKS.

151. *Tansa Lake.*—The rainfall for the year was 120·10 inches. The heaviest fall was on the 29th July, when 8·33 inches were registered, but it was excessive throughout the last 10 days of July. The lowest water level was 395·14 T.H.D. on the 15th June. The lake overflowed on 5th July after 30·34 inches of rain had fallen and ceased to do so on the 29th August. The loss during the 6 months ending March 31st was 6,916 million gallons, including evaporation, as against 5,523 millions in the preceding year. The quantity of surplus water passed over the waste weir is estimated at 27,700 million gallons.

152. The approximate quantity of water drawn off into the duct from the lake was 8,569 million gallons, of which about 165 millions were passed into the Vehar Lake, and the remainder carried into the city. The heavy rain of the 29th and 30th July flooded the Tansa Duct Line between Godavli and Balcomb, forming a continuous sheet of water for 3¼ miles. The embankment was seriously injured, and about 1,000 ft. washed away from under the 48″ pipes, destroying a portion and stopping the supply of water. The repairs took 18 days to complete, the staff working day and night in continuous heavy rain.

153. During the year new permanent quarters for Inspectors at Khaling were constructed at a cost of Rs. 3,503, and considerable progress was made with the quarters for the Sub-Inspector and watchmen at Tansa.

154. Owing to the demand for water in Bombay for flushing purposes, the Tansa supply could not be temporarily suspended for inspection and repair purposes, but it was unavoidably interrupted for a period—some 40 hours—owing to bursts in the 9″ clearing pipes.

155. A serious leak, amounting to $\frac{3}{4}$ million gallons *per diem*, developed at Ghatkopar during the year ; sanction was obtained to a grant for repairs, and the work was undertaken departmentally. At the close of the year, a temporary diversion had been made, and the repairs were approaching completion.

156. *Vehar Lake.*—The rainfall for 1896 was 109·81 inches, or nearly 26 inches above the average. The lake overflowed on the 25th July and ceased to do so on the 28th August. The heaviest fall was 9·78 inches on the 14th July. The lowest water level was 252·70 T.H.D. on 17th June. The storage on 31st October 1895 was 11,010 million gallons, on 31st May 1896, 7,919 millions, and on the 1st September 1896, 11,010 millions of gallons. The daily loss during the dry season was 14·5 millions in addition to that drawn from Tansa. Between the 22nd July and 26th August 1896, 1,800 million gallons were received from the Tulsi Lake by overflow. The quantity that passed over the Vehar waste weir during the overflow was roughly 6,530 million gallons.

157. *Tulsi Lake.*—The rainfall of 1896 was 139·52 inches, the heaviest fall being 8·83 inches on the 14th July. The lowest water level was 436·90 T.H.D. on the 17th June 1896. The lake overflowed from the 23rd July to 27th August 1896 to an estimated quantity of 1,800 million gallons. The storage on 31st October 1895 was 2,136 million gallons, on 31st May 1896 it was 915 millions, and on the 30th September 2,156 million gallons. The loss during the dry season, 1896-97, amounted to 1,030 million gallons, or 171 millions per month. During the year the Tulsi Forest forming the gathering ground for the lake was handed over to the management of the Forest Department.

158. *Pawai Lake.*—The water-supply from this lake was not required. The pumping plant remained in charge of the Assistant Engineer, Mechanical Branch. A further sum of Rs. 7,655-7-6 was paid on 16th February 1897 by way of compensation for land acquired,—the delay was due to the protracted proceedings in Court.

159. *Malabar Hill Reservoir.*—Alterations and improvements to the Malabar Hill filter beds were in progress during

the year and will be probably completed during the current year.

160. *Bhandarwada Reservoir.*—The old filters were working from the beginning of the year till the beginning of December, when they were stopped for cleaning. Poor progress was made with the scheme for covering the storage basin and constructing filters over it. It was decided in June 1896 to substitute shingle for chips in the filtering materials, and this led to the contractors renouncing the contract, and the work will have to be completed, probably at increased cost, by other agencies. The expenditure up to the close of the year was Rs. 1,17,840.

161. During the year the walls of the Storage Reservoir were pointed, and the floor paved with Indian Patent Stone to prevent leakage.

162. During the year rewards were paid for the capture of one crocodile and the removal of 100 eggs. One leech was found in a service tap, having apparently got in through a break in the tap.

163. *Miscellaneous Works.*—No progress could be made with the connections at Chinchpogli pending the decision by the High Court of the suit with the G. I. P. Railway. Estimates have been approved for the laying of 4″ mains in various parts of the City as sanctioned by the Corporation in their Resolution No. 2274 of 11th June 1896, and the work will be carried out during the current year, as will also that of laying a 9″ main in Worli Road.

164. Estimates have also been prepared and are under consideration for mains in the Kalachowki, Sewri, Dockyard and Reay Roads, for which a grant of Rs. 2,32,000 has been sanctioned, and a 12″ main was laid in the Purbhadevi Road at a cost of Rs. 16,797.

165. *Distribution and Maintenance.*—In connection with the plague, 1,180 house connections were cut off during the year and replaced by stand pipes in convenient situations. This, with the exodus of population reduced the consumption for some weeks, and the Tulsi supply was accordingly shut off from 25th January to 12th April 1897.

166. There would have been still greater economy of water but for the large supply utilized for flushing purposes during the epidemic.

167. The number of bursts during the year was 180 against 255 last year, and 313 in 1894-95. Apart from the work done on account of the plague, 230 services were cut off on account of demolition of buildings, non-payment of rates or the like, and 497 new connections granted. There were 2,047 meters in use on 31st March 1897, being an increase of 193. The consumption registered by meter aggregated a little under 1,259 million gallons.

168. *Stock.*—The value of reserve stock was Rs. 4,41,396 at the beginning of the year, purchases and issues amounted to Rs. 90,211 and Rs. 98,732, the value of the balance at the close of the year was Rs. 4,43,965.

169. The sale of produce, trees, grass and the like, at the Lakes and along the pipe lines fetched Rs. 2,029, or Rs. 457 less than in the previous year. The number of notices issued during the year for faulty taps, &c., was 9,747 as against 8,920 in 1895-96. Sanction was accorded by the Standing Committee under Section 279 of the Act to sever the connection of service pipes in 1,022 cases ; the sanction was acted on in 148 cases.

MUNICIPAL BUILDINGS.

170. The most important buildings completed during the year are given below :—

Fire Brigade Station at Babula Tank.
Fire Brigade Station at Sankli Tank.
Quarters for the Inspector, Tansa Water Works, Mandola Division, two Blocks.
Latrines at Paltan Road, Bori Bunder, for the Bigaries of the Health and Market Departments.
Quarters for Bigaries of the Colaba Market.
Store Room and Coal Shed for the Fire Brigade Station at Colaba.

171. All but one of the Municipal Fire Brigade stations sanctioned for construction in 1892 were completed by the close of the year under report. Of those under construction during the year, that at Babula Tank was finished on 30th April 1896 at a total cost, including filling-in the tank, of Rs. 51,231, against the estimate of Rs. 58,285, and it was handed over to

the Brigade on the following day. The Sankli Tank station was completed on 30th November 1896 at a total cost, including filling in the tank, of Rs. 1,52,330, and was occupied on the 1st January 1897. The Gamdevi station is the single one remaining to be built. Tenders were invited for the work during the year, but only one was received, and owing to the scarcity of skilled labour in consequence of the plague, it was thought advisable to re-invite tenders for the work at a future date. A contract was given for the construction of quarters for the Chief Inspector and Sluicemen of the Water-Works Department, and the work was in progress, Rs. 14,424 having been spent up to the close of the year.

172. Latrines in connection with the chawls for bigaries of the Market and Health Departments at Bori Bunder referred to last year were completed at a cost of Rs. 9,197. A contract was given for the construction of quarters for the Assistant Superintendent, Zoological Collection, and of an office for the Victoria Gardens Staff, for which Rs. 12,400 have been provided, and work was commenced just before the close of the year. Latrine accommodation was provided to the new Ward offices at Null Bazaar at a cost of Rs. 1,014. No progress was made with the Street and Building Branch Ward office at Gamdevi, as, though one tender for the work was received, the scarcity of labour made it advisable to postpone the work and re-invite tenders at a more favourable season.

173. The construction of quarters for the Colaba Market bigaries and of a store-room for the Fire Station there was completed by contract during the year, at a cost of Rs. 3,300, against the sanctioned amount of Rs. 3,937. The new Bhuleshwar Market and Schools were very nearly ready at the close of the year. The expenditure passed up to that time amounted to Rs. 3,92,616. The work of building walls at the Hindu Tank Bunder Burial Ground, suspended last year in consequence of some disputes as to ownership, was ordered to be proceeded with, but had again to be stopped owing to a difficulty with the Port Trust about the boundary line.

174. A statement of Municipal properties will be found as an Appendix to the Executive Engineer's report.

175. Applications for permission to build or rebuild during the year numbered 1,261, an increase of 39 over the preceding year. Of these 1,226 were passed wholly or partially, the remainder being unconditionally disapproved on sanitary or other grounds.

176. The number of notices issued to householders under the various sections of the Act was 4,119, or 159 less than in 1895-96 : 366 summonses were issued for non-compliance ; in 198 of these cases the parties complied before service of summons, in 15 cases they were warned and discharged, in 25 cases they were convicted and fined in various sums aggregating Rs. 304-8-0. Other cases were postponed.

177. During the year 37 buildings or portions of buildings collapsed, and in 6 of these cases there were altogether 10 persons injured and 4 killed.

178. Under sundry sections of the Act 2,705 orders were issued for the summary removal of ruinous houses and objectionable erections. With the exception of 602 cases in which action was still pending at the close of the year, these orders were carried out.

179. Set-backs to the extent of 2,997 square yards were effected during the year at a cost of Rs. 45,829.

ROADS.

180. The Reay Road, Victoria Road extension and the Mahomedan Burial Ground at Tank Bunder form one scheme. For the approach to the overbridge over the Great Indian Peninsula line the land either has been acquired or is on the point of being so. Plans and estimates are ready and the work will be begun as soon as the Railway put the overbridge itself in hand. Almost all the property on the line of the addition to the Reay Road has been acquired, and the work will be commenced after the rains. The Narielwadi Hill is being excavated for the Victoria Road extension, and the Burial Ground has been raised, drained and handed over to the Mahomedan community. The final bill for the road from Dadar to Matunga, now called Vincent Road, is still in dispute with the contractors. The matter is in the hands of the Solicitors.

181. The construction of Souter Road is still in abeyance pending settlement with the contractors. The conveyance of the land required for the completion of Gilder Street is ready, and upon its execution the road will be taken in hand.

182. The sale by auction of 40 plots of frontage land on Club Street and Morland Road was deferred, owing to the large number of people absent from Bombay on account of the plague; it is intended to dispose of them during the current year. A total area of 15,629 square yards of frontage land has been sold for Rs. 121,748. During the year 10,094,919 square feet of roads were repaired at a cost of Rs. 3,21,035, giving an average of about 6 pies per square foot as against 5½ pies in the preceding year. This area is exclusive to repairs executed on account of the Drainage, Water, and Health Departments and the Tramway and Gas Companies.

183. The scarcity of labour, the difficulty of procuring metal, and the temporary cessation of watering—all causes attributable to the plague—combined to prevent the roads being maintained up to the usual standard, and considerable expenditure will be necessary before it is regained.

184. Under the provisions of the Municipal Act it is exceedingly difficult to have any control over the condition of private thoroughfares; but during the year Mugbhat Cross Lane, which comes in this category, was put in order at the owner's expense and converted into a public street.

185. The usual establishment and plant for road-cleaning have been kept at work, and road-watering was continued except during the latter portion of the year, when it was suspended on sanitary grounds in connection with the plague. The system of watering direct from the mains by means of hydrants has been gradually extended, and the whole of Queen's Road, together with some of the principal thoroughfares in the Fort, have been provided with hydrants of the new pattern for this purpose. Roadside trees received due attention.

186. Footpaths measuring 15,297 square feet in Cochin Street and Mint Road were paved with blue stone at a cost of Rs. 7,695. Ordinary concrete is cheaper, and about 22,400

square feet were so paved ; but time is necessary to show whether it wears well.

187. During the year new double tram lines were opened on parts of Mazagon and Kavasji Patel Tank Roads. The single track along Kalkadevi Road was doubled, and the double line along a portion of Esplanade Road and from the Apollo Hotel to Ballard Pier was renewed.

LIGHTING.

188. Almost all the remaining ordinary gas lamps had been converted into incandescent gas lamps by the close of the year, and the opportunity was taken to rearrange the situation of the lights and renew the columns wherever necessary. Out of the total grant of Rs. 2,17,842 for the work, Rs. 2,07,679 had been spent up to 31st March 1897.

189. The kerosine lamps in the important roads of A Ward were also replaced by incandescent gas lamps, and the total number of these lamps now in the city is 3,823. They combine economy in the matter of lighting charges, with a very great improvement in light. The minimum pressure of $\frac{8}{10}$ths of an inch was maintained at all the Municipal pressure registers.

190. The gas supplied was pure, and generally above the contract standard.

191. The total number of kerosine oil lamps in the city at the end of the year was 1,742, and their lighting continued to be departmentally managed, the oil used being of 150° proof test. Rs. 42,947 were spent on this, but deducting Rs. 11,565, the value of empty cases sold and in hand, the net cost of kerosine lighting amounted to Rs. 31,381. The average net charge per lamp worked out to Rs. 18-1-8.

192. The Electric Light Installation for Lighting the Arthur Crawford Markets and the Municipal Office worked satisfactorily. There were altogether six stoppages, due to breakage of the driving belt or of the armature wires; but as they occurred either by day or late at night, they caused no inconvenience. The new armature supplied by the makers of the Market dynamo in lieu of that originally sent was replaced by the spare original pattern armature, which had been partly re-wound with a more flexible wire. This

re-winding was carried out departmentally, and though it has not entirely prevented the breakage of wires, it has greatly reduced their frequency. A new link leather belt for the office dynamo was purchased at a cost of Rs. 325. The total cost of working the plant was Rs. 10,636.

WORKSHOP.

193. The balance in favour of the Workshops at the close of the year worked out to Rs. 8,971, representing a profit of about 8½ per cent. on the outlay ; but the profits will be reduced to a very insignificant sum if the higher rent demanded by Government is taken into account. No rent was paid during the year, and the question was still under discussion. Water charges amounted to Rs. 792. The grant for stores and water supply had to be supplemented by a transfer of Rs. 4,500 from savings under Establishment to meet the unforeseen demands arising out of the plague. A large number of carts, hose-reels, trollies, &c., were manufactured for various departments, an electric light installation was being provided at the Colaba Pumping Station, and the Electrolising Plant was in process of erection at the Carnac Bunder Night-soil Depôt.

194. Repairs of all kinds were undertaken, and the Workshops staff was responsible for the maintenance of 65 steam engines and steam pumps and 53 boilers. There was an increased expenditure of coal at the Workshops owing to the portable engine being required for the Electrolising Plant, and having to be replaced by the old stationary engine for driving the Workshops machinery. A new engine is, however, to be provided, and Rs. 7,000 have been granted for the purpose. Nine of the Workshops employés succumbed to the plague, and work was much hampered by the flight of the Gujarathi smiths and most of the Goanese workmen ; the rest of the staff stuck to their duty staunchly.

195. The hydraulic lift in the Municipal Office worked satisfactorily throughout the year.

FIRE BRIGADE.

196. The Fire Service continued to be thoroughly efficient. Several members of the Brigade were injured, but only one permanently. The question of his pension will be shortly before the Standing Committee.

197. The Brigade did excellent service during the latter part of the year in flushing gullies in connection with the plague, and the Corporation was pleased to reward the men by extra allowances.

198. Seven men were attacked with plague, of whom three died ; otherwise the health of the men was good.

199. The Fire Brigade brake was placed at the disposal of the Plague Committee, necessitating the purchase of an additional horse, besides four that were bought to replace ordinary losses.

200. The new Steam Fire Engine Station at Babula Tank Road and the Head-quarters Station at Sankli Tank were, respectively, occupied on May 1st and December 29th. The Chief Officer having gone into residence at Sankli Tank, his former quarters at Grant House were made over to Mr. Hewett, Assistant Executive Engineer.

201. The present strength of the Brigade is 149. An addition of 6 men has been provided for in the Budget to complete the staff at each manual station, and of 11 men to man the spare engine at Head-quarters, but at present quarters are not available for the latter.

202. The equipment of the Brigade is as below :—

8 Steam fire-engines.
9 Manual fire-engines.
16 Hose reels.
7 Tender carts.
6 Telescopic Fire-escapes.
1 Brake.
15 Horses.
220 Lengths of delivery hose, comprising about 13,200 feet ;

And other necessary appliances.

203. The estimated damage to property by fire and water during the year was Rs. 18,75,662, of which all but Rs. 20,910 was insured.

204. The accompanying table gives the number of fires and estimated loss during the year under report as compared with the preceding year :—

	Serious Fires.	Slight Fires.	Total.	Estimated loss. Rs.
1896-97 ...	16	106	122	18,75,662
1895-96 ...	26	104	130	20,41,571

205. By far the most serious occurred at the Old Nicholl Mill on the 1st November, when property worth Rs. 13,18,190 was destroyed. In April a fire on the Cotton Green damaged the bales to the extent of Rs. 1,25,000, and in the same month the Alliance Mill was injured to the extent of Rs.70,000. The destruction by fire in March of a large house in Cawasji Patel Tank Road resulted in a loss of Rs. 2,57,000. There were, besides, 5 fires, where the damage was more than Rs. 10,000, and 6, where it was over Rs. 2,000.

206. A comparative list of fires during the past five years is given below :—

Year.	Number of Fires.	Value of Property destroyed.
		Rs.
1892-93	137	3,18,599
1893-94	120	6,77,128
1894-95	97	2,25,445
1895-96	130	20,41,571
1896-97	122	18,75,662

PUBLIC GARDENS.

207. The following public gardens continued to be maintained :—

Victoria Gardens.
Elphinstone Circle Garden.
Northbrook Garden.
Malabar Hill Garden.
Bazar Gate Garden.
Falkland Road Garden.
Dick's Tank Garden.
Garden on the Flats.
Municipal Office Garden.
Sir Cowasjee Jehangir Garden at Mahim.

208. At the Victoria Gardens some minor improvements in the drainage and water-supply were effected. But further important improvements, especially in the matter of accommodation of the staff, had to be postponed owing to difficulties arising out of the plague. It may be mentioned that all the malis deserted for the same reason, and it was only with considerable difficulty that the Superintendent was able to secure ordinary labourers at high daily wages for the work.

209. The ornamental ponds were cleaned out during the year, and the shrubberies and lawns received due attention. Numerous additions were made to the horticultural and zoological sections, the Bombay Natural History Society being a generous contributor ; but several valuable animals died.

210. The total number of visitors to the Victoria Gardens during the year under report was 1,071,929, against 1,438,595 in the previous year. The decrease was, no doubt, due to the plague.

VICTORIA AND ALBERT MUSEUM.

211. Considerable additions by purchase or presentation were made to various sections of the Museum, and many specimens were prepared for exhibition purposes in the Natural History Branches.

212. Proper attention was paid to the preservation of the collections.

213. The Museum was open to the public for 312 days, and the total number of visitors was 584,865 against 749,299 in the previous year. They included, as usual, a certain number of students of biology and other subjects from the various colleges, as well as a small number of persons visited the Museum for the purpose of studying the economic products exhibited.

214. The number of visitors during the past five years is given below :—

	No. of Visitors.	Daily Average.
1892-93	559,239	1,786
1893-94	553,489	1,779
1894-95	685,047	2,188
1895-96	749,299	2,378
1896-97	584,865	1,874

VI. Public Health.

215. The state of the public health during the year under review was very unsatisfactory. The mortality was 8,369 more than in the previous year.

216. The total number of deaths from all causes amounted to 33,451, equal to a death-rate of 40·71 per 1,000 of population calculated on a population of 821,764 (Census of 1891). The average number of deaths for the previous five years amounted to 27,104, or a death-rate of 32·98 per 1,000 of population.

217. The number and causes of deaths in the City during the last five years are shown in the following return :—

Return showing the Number of Deaths and the Death-rate per 1,000 of Population from Different Causes during the last Five Years.

Year.	Total number of deaths.	Per 1,000 of population.	Cholera.	Per 1,000 of population.	Small-pox.	Per 1,000 of population.	Measles.	Per 1,000 of population.	Fevers.	Per 1,000 of population.	Phthisis.	Per 1,000 of population.	Diseases of the Nervous System.	Per 1,000 of population.	Diseases of the Respiratory System.	Per 1,000 of population.	Diarrhœa.	Per 1,000 of population.	Dysentery.	Per 1,000 of population.	Accidents.	Per 1,000 of population.	Other causes.	Per 1,000 of population.	Bubonic Plague.	Per 1,000 of population.
1892	26,518	32·26	169	·21	541	·66	710	·86	7,751	9·43	3,538	4·30	2,330	2·83	4,601	5·60	1,172	1·43	551	·79	392	·48	4,663	5·67	..	..
1893	23,142	28·16	147	·18	201	·24	289	·35	5,844	7·11	3,327	4·05	2,084	2·54	4,551	5·54	1,173	1·43	525	·64	453	·55	4,548	5·53	..	..
1894	27,330	33·25	426	·52	531	·64	787	·96	6,458	7·86	3,588	4·37	2,399	2·92	5,385	6·55	1,598	1·94	746	·91	390	·47	5,022	6·11	..	..
1895	25,081	30·52	90	·11	270	·33	544	·66	6,404	7·79	3,610	4·39	2,044	2·49	4,565	5·56	1,188	1·45	625	·76	488	·59	5,253	6·39	..	..
1896	33,451	40·71	490	·60	701	·85	241	·29	8,776	10·68	4,809	5·85	2,272	2·76	5,334	6·49	1,613	1·96	737	·90	487	·60	6,055	7·37	1,936	2·36
Total ..	135,522	164·90	1,322	1·62	2244	2·72	2,571	3·12	35,233	42·87	18,872	22·96	11,129	13·54	24,436	29·74	6,744	8·21	3,284	4·00	2,210	2·69	25,541	31·07	1,936	2·36
Average of five years	27,104	32·98	264	·32	449	·54	514	·62	7,046	8·57	3,774	4·59	2,226	2·71	4,887	5·95	1,349	1·64	657	·80	442	·53	5,108	6·21	*1,936	*2·36

* For one year only.

218. The number of deaths according to place of birth was as follows :—

Born in Bombay ...	...	...	...	...	...	13,637
Born elsewhere and unknown	...	...	...	...	...	19,814
				Total	...	33,451

219. The sections of highest mortality were 2nd Nagpada 68·09, Kamatipura 67·76, Khara Talao 54·07, Mandvi 52·15, Umarkhadi 50·10, and Tardeo 48 73, and the sections of lowest mortality were the Water Division 4·15, Fort Southern 5·31, Mahalakshmi 17·63, Esplanade 18·28, and Walkeshwar 19·16 per 1,000 of population. The death rate was highest amongst Negro-Africans, Lingaets, Hindu low-caste, Jains, Mussalmans, Buddhists and Bhatias, being, respectively, 582·19, 93·11, 63·27, 62·83, 53·01, 42·10 and 43·34 per 1,000 of population, and lowest amongst Europeans, Parsees, Brahmins, Jews and Native Christians, being, respectively, 19·39, 28·10, 32·22, 33·26 and 34·58 per 1,000 of population.

220. *Cholera.*—The number of deaths from cholera was 490, or 400 more than in the last year. The sections of greatest mortality were the Water Division, Girgaum, Dongri, Worli, Dhobi Talao and Parel. The highest death rate by caste was amongst Lingayets, Hindu low-castes, Eurasians, Native Christians, and Jews.

221. *Small-Pox.*—The deaths from small-pox were 701, or 431 more than in the last year. The rate of mortality was highest amongst Negro-Africans, Hindus of low-caste, Lingaets, Jains and Native Christians. The mortality was highest in 1st and 2nd Nagpada, Byculla, Tardeo, Worli, Girgaum, Dhobi Talao and Kumbharwada.

222. *Measles.*—There were 241 deaths from measles, or 303 less than in the last year. Of these, 205 occurred in the first four years of life. Excluding the small community of Buddhists, the highest rate of mortality occurred amongst Lingayets, Jews, Hindu low-caste and Native Christians. The death-rate was highest in the districts of 1st and 2nd Nagpada, Tardeo, Kamatipura, Kharatalao, and Dhobi Talao.

223. *Fevers.*—There were 8,776 deaths from fevers, or 2,372 more than in the previous year. The death-rate was highest

in the districts of Kamathipura, Mandvi, Sewri, Kharatalao, Mazagon, Kumbharwada and Dongri. The greatest mortality was amongst Negro-Africans, Jains, Hindu low-caste, Lingayets, Mussalmans and Hindus of other castes.

224. *Leprosy.*—There were 54 deaths from leprosy, being 12 more than in the last year.

225. *Bubonic Plague.*—There were 1,936 deaths from bubonic plague during the year. A full report on the outbreak of this disease is under preparation for submission to Government, and will eventually be laid before the Corporation.

226. Of the dead, 20,824 were buried, 12,807 were burnt and 1,418 conveyed to the Towers of Silence. This is inclusive of 1,598 still-born.

227. The number of births registered, exclusive of still-born, was 15,890, or 206 more than in the previous year. Of these, 8,267 were males and 7,623 females. Excluding Negro-Africans, the birth-rate was highest amongst Jews, Hindu low-caste, Parsees, and Eurasians. The sections giving the highest birth-rate were Mahim, Sion, Kamathipura, Khetwadi, 2nd Nagpada, Tardeo, Fort Northern, Chukla and Parel.

228. On an average, 4,436·7 men and women and 1,027·6 scavengering and drain carts and 204·36 night-soil and cesspool carts were at work each day; 326,552·20 tons of garbage equal to 892·22 tons a day, were collected, removed and disposed of against 322,656·69 tons in 1895. 160,670·30 tons of night-soil, equal to 438·99 tons a day, was collected and removed against 149,670·62 in 1895. 191·6 miles of covered drains were opened and cleaned against 179·6 in 1895. There were 5 horses and 2,290 bullocks in charge of the department, and of these, 309 bullocks died, and 79 were cast and sent to the Pinjrapole. There were no casualties amongst the horses.

LICENSES.

229. The total revenue collected on account of license fees during the year under report amounted to Rs. 56,462-8-0

and the following table for the past quinquennial period shows that this is the lowest figure since the year 1892-93 :—

Year.	No. of Licenses issued.	Amounts collected.
		Rs. a. p.
1892-93	4,833	54,996 8 0
1393-94	5,407	60,507 8 0
1894-95	5,701	63,914 8 0
1895-96	5,880	65,048 8 0
1896-97	5,130	56,462 8 0

230. The marked decrease during the year under report was due to the grave crisis through which Bombay has been passing, no less than 707 licensable shops being either closed or vacated during the epidemic.

231. Credit is due to the department for its unimpaired efficiency.

MARKETS.

232. The total revenue from markets and slaughter-houses was Rs. 3,95,440-13-6 against Rs. 4,03,356-12-8 in the preceding year, giving a net decrease of Rs. 7,915-15-2.

233. The principal cause of this decline was the falling-off of Rs. 10,708-2-0 in slaughter-fees. There was also a net decrease of Rs. 866-2-2 in stall rents, but the financial results were partly redeemed by the exceptionally high bid for the right of collecting Fair ground and Feeding fees at Bandora.

234. Considering the enormous exodus from Bombay in consequence of the plague, there is every reason to be satisfied with the income secured.

235. The following table shows for the last five years the number of animals slaughtered at the Bandora Slaughter-

houses and in Bombay for public and Commissariat consumption, exclusive of the local supply to Bandora :—

Year.	Horned Cattle.	Sheep and Goats.	Pigs.
1892-93 ...	34,496	473,210	856
1893-94 ..	35,456	487,515	954
1894-95 ...	35,614	514,753	871
1895-96 ...	38,296	521,731	821
1896-97 ...	39,659	474,469	619

236. The appended statement shows the number of animals taken from the Municipal Slaughter-houses for private slaughter since 1892-93 :—

Year.	Horned Cattle.	Sheep and Goats.
1892-93	338	36,494
1893-94	328	33,167
1894-95	250	32,643
1895-96	323	30,731
1896-97	358	5,406

237. Fifty-four tons of unwholesome food were destroyed during the year, against 56 tons in 1895-96. Eighty per cent. of the total quantity consisted of mutton and beef.

238. The supply of fruit and vegetables was below the average both in quality and quantity.

239. The supply of beef was fair, but the scarcity of fodder told severely on the sheep and goats, and, besides the animals rejected before slaughter, numbers of carcases had to be destroyed subsequently as they were found to be diseased.

240. There were 118 convictions during the year, against 109 in the previous year. The fines inflicted amounted to Rs. 416 as against Rs. 454-12-0.

241. More than half the convictions were for importing meat from Coorla without permission.

242. The threatened desertion of the markets by the stallholders and the outbreak of plague at the Bandora Slaughter-houses were subjects of considerable anxiety, and the Commissioner has reason to be satisfied with the work of the superior staff.

STREET ACCIDENTS.

243. The number of persons injured and killed in the public streets was as follows :—

Injured	... 463
Killed	... 25

244. The major number of these accidents occurred in the streets and roads mentioned below :—

Frere Road ...	... 18	Mumbadevi Tank Road .	6
Hornby Road ...	... 11	Parel Road ...	... 13
Church Gate Street	... 6	Girgam Road ...	... 15
Carnac Road ...	... 10	Thakurdwar Road	... 5
Esplanade Road	... 7	Queen's Road ...	... 11
Dongri Street ...	... 7	Kavasji Patel Tank Road	7
Musjid Bunder Road	... 12	Girgam Back Road	... 9
Abdool Rehman Street...	30	Grant Road ...	... 21
Nagdevi Street ...	... 8	Duncan Road ...	... 14
Bhendi Bazaar Road	... 24	Falkland Road ...	... 10
Chinch Bunder Road	... 8	Bellasis Road ...	... 11
Kalkadevi Road	... 25	Foras Road ...	... 5

245. The number of street accidents for the past five years is as follows :—

Year.	No. injured.	No. killed.	Total.
1892-93	600	24	624
1893-94	620	19	639
1894-95	569	22	591
1895-96	523	28	551
1896-97	463	25	488

VII. Education.

246. The actual receipts and expenditure on Municipal Primary Schools for the year 1896-97 were as follows :—

No.	Receipts.	Amount. Rs. a. p.	No.	Expenditure.	Amount. Rs. a. p.
				A.—SCHOOLS.	
1	Balance on the 1st April 1896	56,795 6 10	1	Head Masters and Teachers	62,197 3 2
2	Government Grant to Primary Education and Inspection	42,666 0 0	2	Servants	1,547 5 6
			3	Rent	25,934 8 7
3	Fees from Municipal Schools	17,111 0 6	4	Cost of Class Books...	256 0 6
4	Contribution from the General Municipal Fund	69,135 0 0	5	School Furniture	3,610 9 6
			6	Prizes	684 14 6
5	Government Grant-in-aid towards Buildings...	.....	7	Contingencies and Miscellaneous ...	2,621 7 3
			8	Scholarships in Schools	306 0 0
6	Interest on Endowments or Investments.	623 11 0	9	Stipends of Students under training as Vernacular Teachers	1,228 7 7
7	Miscellaneous	.....	10	Inspectors' Establishment... ...	8,308 1 0
			11	Grants-in-aid to Primary Schools ...	20,980 8 0
				B.—BUILDINGS.	
			1	Municipal Original Works... ...	.....
			2	Repairs to Municipal School Houses ...	66 14 8
				Balance on 31st March 1897 ...	48,499 7 1
	Total Rupees ...	1,76,231 2 4		Total Rupees ...	1,76,231 2 4

247. Government and Municipal contributions were, respectively, Rs. 42,666 and Rs. 59,135 as in the preceding year, but there was a decrease from Rs. 23,481 to Rs. 17,111 in the income from fees. This was due to the plague, which necessitated the closing of the schools from the middle of December.

248. The Urdu Schools were re-opened in February, the Marathi and Gujarathi Schools in the following June.

249. The following statement shows that there has been considerable increase of expenditure under certain heads :—

Head.	1895-96.	1896-97.
Head Masters and Teachers	54,137	62,197
Rent	23,020	25,934
Stipends of students under training as Vernacular Teachers	818	1,228
Inspectors' Establishment	6,160	8,308
Grants-in-aid to Primary Schools	20,074	20,980

250. The Committee have not made any explicit reference to these increases, but it may be gathered from their report that those under the first two and the last heads are due, respectively, to additional schools, to temporary measures for improved accommodation, and to a rise in the number of aided schools.

251. A statement will be found attached to the Committee's report showing the number of scholars on the rolls of Municipal Primary Schools. In the case of the Marathi and Gujarathi Schools the figures are given for December as the schools were closed in March. The numbers show a great falling-off from the preceding year, but the epidemic renders any comparison profitless.

252. Five new Urdu Boys' Schools, one Urdu Girls' School, a school for Hindu girls, a Marathi Night School, a Gujarathi Day School and a Gujarathi Night School were opened during the year.

253. The success of the Urdu Girls' School was most encouraging.

254. The number of aided schools increased from 89 to 95. Statistics are not available regarding unaided schools, but almost all were temporarily closed, and probably many will never re-open.

255. Among other questions, those of school accommodation and the improvement of the status of teachers were the subject of much consideration and discussion, but neither matter had been finally settled by the close of the year. Temporary measures were, however, adopted for the improvement of the accommodation of fourteen schools.

256. The death-roll among the teachers was lamentably heavy. Of 15 who were carried off, 10 succumbed to the plague.

257. The Commissioner regrets the delay in the submission of this report. It has been due to the heavy strain upon several of the departments in consequence of the plague.

P. C. H. SNOW,
Municipal Commissioner,
for the City of Bombay.

FINANCIAL.

REPORT OF MR. MANEKSHAH CAWASHAH, Acting Chief Accountant, as forwarded with his No. 2818 of 14th September 1897.

I have the honour to submit the Annual Report of the working of this Department for the past official year together with the various account, loan and other statements.

From the following Statement A it will be seen that the actual income exceeded the estimates by Rs. 1,37,341-4-4 under certain heads, and fell short by Rs. 4,94,063-9-2 under others, thus there was a net falling off of Rs. 3,56,722-4-10. But as the above excess revenue of Rs. 1,37,341-4-4 included the net premia and excess interest realizations amounting to Rs. 37,357-7-0 which, having been invested as shown in Statement C under the head Investments, could not be treated as actual surplus, the above falling off of the income was increased to Rs. 3,94,079-11-10.

When the Budget for 1897-98 was framed, it was anticipated that the property taxes and interest realizations would be Rs. 1,80,000 more than the estimates, and hence that sum was appropriated in the current year's Budget. The total falling off in revenue, therefore, amounted to Rs. 5,74,079-11-10, of which Rs. 2¼ lakhs, the amount by which the outstandings at the close of the past year were larger than those of the preceding year, have been or will be collected during the current year, thus reducing the loss to nearly Rs. 3½ lakhs.

A.

STATEMENT showing the Net Receipts during the Financial Year 1896-97 *from all Sources contrasted with the Budget Estimate.*

PARTICULARS.	Actuals for 1895-96.	Budget Estimate for 1896-97.	Actuals for 1896-97.	More than Estimate.	Less than Estimate.	Remarks.
	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
General Tax at 8 per cent. (including Government and Port Trust contributions)	17,67,000 4 4	17,96,705	17,45,828 11 4	.....	40,876 4 8	
Additional at ½ per cent. for Fire Brigade charges	1,10,437 8 3	1,12,295	1,09,137 9 8	.....	3,157 6 4	
Rs. ..	18,77,437 12 7	19,09,000	18,54,966 5 0	.....	54,033 11 0	
Wheel Tax and Tolls	3,65,524 11 3	3,60,000	2,46,681 5 6	.....	1,13,318 10 6	
Town Duties	9,10,850 15 10	9,00,000	6,45,143 12 4	.....	2,54,856 3 8	
Licenses—						
(*a*) Dangerous and Offensive Trades.....	65,048 8 0	60,000	56,165 8 0	.....	3,834 8 0	
(*b*) Streets and Buildings	3,380 0 0	2,950	3,055 0 0	105 0 0	.....	
(*c*) Land Conveyance, Music, &c., Licenses..	27,906 8 0	25,500	14,864 14 0	.....	10,635 2 0	
Receipts from Government for Liquor Licenses..	1,43,750 0 0	1,43,750	1,43,750 0 0	.....	.....	
Do. do. for Tobacco Duty ...	2,17,474 14 5	1,89,500	1,82,867 4 3	.....	6,632 11 9	
Halalkhore Tax.....	6,57,812 2 9	6,58,000	6,88,485 11 11	30,485 11 11	.....	
Water Tax and other Misc. Water Works Revenue	14,42,895 4 7	14,20,000	13,98,410 0 2	.....	21,589 15 10	
Market Receipts	3,83,543 2 4	3,83,600	3,76,803 5 10	.....	6,796 10 2	
Public Gardens	7,811 15 11	7,600	7,740 2 0	140 2 0	.....	
Tramway Rent	43,548 10 2	45,800	47,427 8 4	1,627 8 4	.....	
Miscellaneous Fines	11,482 0 6	11,000	11,509 15 3	509 15 3	.....	

Do. *Receipts*	1,62,096 7 2	1,25,000	1,18,678 8 8	.....	6,321 7 4	
Do. Fees	54,060 10 3	52,800	40,665 15 9	.....	12,134 0 3	
Do. Savings	3,391 13 2	3,500	5,196 11 10	1,696 11 10	.....	
Contribution from Municipal Servants towards Pension, &c., Fund	21,704 13 9	18,000	19,653 12 10	1,653 12 10	.....	
Interest and Profit on Investments of Surplus Loan and other Balances	1,65,613 1 6	1,50,000	1,99,256 1 7	49,256 1 7	.....	
Actual Profit on Sale of Stores to Contractors, &c.	10,560 3 0	3,000	8,447 1 4	5,447 1 4	.....	
Sale Proceeds of Unserviceable Tools and Plant, &c	2,982 10 11	5,000	1,811 13 9	.....	3,188 2 3	
Profit on Municipal Workshops	6,990 6 3	.....	9,061 12 3	9,061 12 3	.....	
	65,85,866 12 4	64,74,000	60,80,642 10 7	99,983 13 4	4,93,341 2 9	
Interest on 5 and 4 per cent. Municipal Loans Sinking Fund Investment	57,663 12 8	64,000	63,734 8 0	.....	265 8 0	
Interest on Municipal Buildings Fire Insurance Fund Investment	965 5 5	1,100	1,118 8 0	18 8 0	.....	
Interest on Worn-out Water Mains Renewal Fund Investment	10,816 13 0	12,800	12,957 1 6	157 1 6	.....	
Interest on the Investment of the Net Premia, &c., Fund	8,648 11 11	13,800	*13,343 1 7	.....	456 14 5	
	78,094 11 0	91,700	91,153 3 1	175 9 6	722 6 5	
Net Premia received on the 1st Instalment of Rs. 10 Lakhs of the 15¾ Lakhs Loan raised in 1896-97	97,748 13 1†	.....	‡37,181 13 6	37,181 13 6	.....	
	1,75,843 8 1	91,700	1,28,335 0 7	37,357 7 0	722 6 5	
Grand Total...Rs.	67,61,710 4 5	65,65,700	62,08,977 11 2	1,37,341 4 4	4,94,063 9 2	
Less	.....	.....	.....	.....	1,37,341 4 4	
					3,56,722 4 10	

* Includes Rs. 3,641-2-3 received on Water Works portion of the Net Premia, &c., Fund Investment.
† This was the amount of Net Premia received on the 2nd Instalment of the 23¼ Lakhs Loan raised in 1895-96.
‡ Includes Rs. 1,115-7-3 received on the Water Works portion of the Loan.

The causes of the different increases and decreases are given below: —

The yield under the Property Taxes was expected to be Rs. 1,50,000 more than the estimates, but the actuals were Rs. 45,137-14-11 less owing to the outstandings at the close of the year, being about 2¼ lakhs more than those in 1895-96 owing to the absence of many of the rate-payers from the city in consequence of the plague.

	More.	Less.
General Tax		Rs. 54,033 11 0
Halalkhor Tax	Rs. 30,485 11 11	
Water Tax and other Miscellaneous Water Works revenue ..	....	„ 21,589 15 10
	Rs. 30,485 11 11	„ 75,623 10 10
Less ..	....	„ 30,485 11 11
		Rs. 45,137 14 11

Wheel Tax and Tolls produced Rs.1,13,318-10-6 below the estimates. The decrease under Private conveyances amounted to Rs. 3,286-10-6 owing to the outstandings at the end of the year being about Rs.10,000 more than that in the preceding year. The decrease under Public conveyances was Rs. 1,10,395-4-0 owing to the owners of only 746 victorias and shigrams, 113 riding hackeries and 2,439 labour carts having paid the tax up to the end of March 1897, against the estimated number of 922 victorias and shigrams, 351 riding hackeries and 7,143 labour carts, and to reduced rates having been charged under the Standing Committee's Resolutions Nos. 10986 and 12588, dated 20th January 1897 and 17th February 1897. Thus the total decrease amounted to Rs. 1,13,681-14-6 ; but owing to an increase of Rs. 363-4-0 obtained under Toll fees, the decrease was reduced to Rs. 1,13,318-10-6.

Town Duties yielded Rs. 2,54,856-3-8 less than our expectation as detailed at pages 98 and 99 of this report.

Licenses.—There was an increase of Rs. 105 under (*b*) Streets and Buildings, but there were decreases of Rs. 3,834-8—0 and of Rs. 10,635-2-0 under (*a*) Dangerous and Offensive Trades, and (*c*) Land Conveyance, Music, &c., respectively. The decrease under (*a*) was due to a larger outstanding having been left at the end of the past year than that in the preceding year. The latter decrease was principally on account of Land Conveyance and Music Licenses.

The receipts on account of *Tobacco Duties*, recovered through the Collector of Customs, were Rs. 6,632-11-9 less than the estimate of the Collector owing, presumably, to less consumption of tobacco.

The falling-off of Rs. 6,796-10-2 under *Market Receipts* was chiefly under Slaughter Fees.

Public Garden Receipts realized Rs. 140-2-0 more than the estimate.

Owing to extensions of double track lines in Falkland, Mazagon and Kavasji Patel Tank Roads, and to the laying of double track in lieu

of single track from Pydhoni to Moombadevi and between Money School and the Kalkadevi Post Office, we received Rs. 1,627-8-4 more on account of *Tramway Rent.*

The increase of Rs. 509-15-3 under *Miscellaneous Fines* was derived from the fines inflicted on Health Department labourers, halalkhors, &c.

The decrease of Rs. 6,321-7-4 under *Miscellaneous Receipts* was entirely under the head Rent of Reclamation grounds at Kurla, Sion, Tardeo Flats, &c., Health Department, due to the amount realized by the sale of the right being much less than that estimated.

The decrease of Rs. 12,134-0-3 under *Miscellaneous Fees* was chiefly under the following heads :—

Engineer's Department—

Projecting verandahs, balconies, sun-shades, weather frames, rewas, &c.

Opening roads and footpaths for cleaning drains, laying water pipes, &c.

Scaffolding.

Public Health Department—

Skinning dead animals.

Owing principally to a large number of workmen employed on the Colaba and Umarkhadi Sewerage Works not having claimed their wages within the limitation period there was an increase of Rs. 1,696-11-10 under *Miscellaneous Savings.*

Rs. 1,653-12-10 were received in excess of the estimate for *Contribution from Municipal Servants towards Pension, &c. Fund* owing to arrears of pension contribution recovered from some of the old employés specially admitted to the Pension, &c. Fund, under Standing Committee's Resolutions Nos. 101 and 4332, dated 3rd April and 24th July 1895, respectively.

Interest and Profit on Investments of Surplus Loan and other balances realized, under the following sub-heads, Rs. 49,256-1-7 more than the estimate, of which Rs. 30,000 having been anticipated at the time of framing the Budget for 1897-98, have already been taken credit for in that Budget:—

Interest realized on Investments :—	Rs.	a.	p.
Rs. 26,94,000 Drainage and Water Works Loan Deposit	1,697	12	0
44 Lakhs Sanitary Works Loan Deposit	12,729	0	8
7 do. do. do.	3,452	10	0
12 Lakhs Drainage and Water Works Loan Deposit	8,490	1	4
Rs. 10,08,500 Miscellaneous Works Loan Deposit..	11,981	13	0
,, 2,48,000 Agripada House Sullage Water Connections Loan Deposit	823	0	10
,, 8 lakhs Municipal Building Loan Deposit	1,628	7	6
,, 4½ lakhs Fire Brigade Quarters and Stations Loan Deposit	233	12	0
23¾ Lakhs Drainage and other Works Loan Deposit	16,448	13	6
15¾ Lakhs Sewerage, Wari Bunder, &c. Roads, Burial Ground and certain Water Works Loan Deposit	5,988	10	6
Surplus Cash Deposit	1,03,631	1	7
Total Interest .. Rs.	1,67,105	2	11
Less—Budget provision .. .. ,,	1,50,000	0	0
Excess Interest .. Rs.	17,105	2	11
Carried over ... Rs.	17,105	2	11

Brought forward .. Rs. 17,105 2 11

Add—Profit realized on Investments :—

	Amount of 3½ % Govt. Paper sold.	Purchase. Date.	Purchase. Rate per cent.	Sale. Date.	Sale. Rate per cent.	Profit realized.	
	Rs.		Rs. a.		Rs. a.	Rs. a.	
Surplus Cash Deposit.	50,000	8th Jan. '96	105- 5	27th Apl. '96	109- 4	1,968 12	
Do. ..	50,000	do.	105- 5	25th July '96	109-12	2,218 12	
Do. ..	1,00,000	do.	105- 5	30th July '96	109-14	4,562 8	
Do. ..	50,000	14th Jan. '96	105- 5	6th Aug. '96	109-14	2,281 4	
Do. ..	50,000	do.	105- 5	14th Aug. '96	109-11	2,187 8	
Do. ..	25,000	do.	105- 5	21st Aug. '96	109- 9	2,515 10	
Do. ..	25,000	2nd Feb. '94	103-12	Do.	109- 9		
Do. ..	50,000	do.	103-12	1st Sep. '96	109- 5	2,781 4	
Do. ..	50,000	8th Jan. '96	105- 5	18th July '96	109 0	1,848 12	
Do. ..	45,000	2nd Feb. '94	103-12	12th Oct. '96	103- 7	50 0	
Do. ..	5,000	28th Mar. '90	99-10				
Do. ..	6,500	14th Jan. '96	105- 5	19th Oct. '96	102- 5	2,202 11	
Do. ..	54,000	5th Nov. '85	97-13-11 3/7				
	5,60,500					22,612 1	
						Rs. a. p.	
44 Lakhs Sanitary Works Loan Deposit.	43,000	5th Nov. '85	97-13-11 3/7	24th Oct. '96	101- 5	1,479-4-4	
Do. ..	25,000	do.	do.	31st Oct. '96	102-13	2,485-11-3	
Do. ..	25,000	do.	do.	do.	102-14		
Do. ..	50,000	do.	do.	30th Jan. '97	99- 6	751-5-3	
Do. ..	42,000	do.	do.	12th Feb. '97	99	473-9-10	
Do. ..	1,00,000	do.	do.	13th Feb. '97	99 2	1,252-10-7	
Do. ..	60,000	do.	do.	22nd Feb. '97	99	676-9-5	
	3,45,000					7,119-2-8	
12 Lakhs Drainage and Water Works Loan Deposit Account.	15,000	28th Mar. '90	99-10	24th Oct. '96	101- 5	253 2	
Do. ..	50,000	do.	99-10	5th Mar. '97	100- 4	312 8	
Do. ..	50,000	do.	99-10	8th Mar. '97	100-10	500 0	
	1,15,000					1,065 10	
15¾ Lakhs Sewerage, Wari Bunder, &c. Roads. Burial Ground and certain Water Works Loan Deposit Account	50,000	1st Dec. '96	100- 6	15th Mar. '97	101- 7	581 4	
Do. ..	75,000	do.	100- 7	23rd Mar. '97	100-11	166 9	
Do. ..	16,000	4th Dec. '96	100-13	Do.			
Do. ..	500	11th Dec. '96	100-14	Do.			
Do. ..	1,50,000	1st Dec. '96	100- 6	25th Mar. '97	100-13	656 4	
	2,91,500					1,354 1	
							32,150 14 8
					Total Rs.		49,256 1 7

The actual profit on *Sale of Stores* to contractors, &c., was Rs. 5,447-1-4 in excess of the estimate.

The sale proceeds of *Unserviceable Tools and Plant*, &c., were Rs. 3,188-2-3 less than the estimate.

A net profit of Rs. 9,061-12-3 was derived on the works turned out at the *Municipal Workshops* during the past year as explained in detail at page 125.

The excess realizations of Rs. 18-8-0 and Rs. 157-1-6 on account of interest on the Municipal Buildings Fire Insurance and Worn-out Water Mains Renewal Funds Investments respectively, as also the net

premia of Rs. 37,181-13-6 received on the 1st instalment of Rs. 10 lakhs of the 3½ per cent. 15¾ lakhs Loan raised in December 1896, having been invested and shown as expenditure in Statement **C**, the total of these items, though appearing as receipts in excess of the Budget estimates, did not form part of the actual available surplus.

From the following Statement **B** it will be observed that the grants originally sanctioned by the Corporation for expenditure during the past year, under the provisions of section 129 of the Municipal Act, aggregated Rs. 66,32,948.

Additional grants aggregating Rs. 7,85,956-6-9 were sanctioned from time to time under section 131 (1) for Plague expenses, repairing and strengthening the Tansa Pipe line and embankment near Kasheli, providing the necessary appliances for producing electrolyzed sea-water, payment of arrears Police charges up to 1894-95, plastering and pointing the walls of the whole of the settling basin of the Bhandarwada Reservoir, new works at the Victoria Gardens, additional law charges, gratuity to Mr. Tomlinson, grain compensation to peons, &c., reconstructing a portion of the Tansa duct at the end of the 45th mile, excess expenditure on repairs to roads opened by the Health Department for cleaning drains and on repairs to carts, constructing at Foras Road a temporary office for the House-Connection Staff, conversion of 67 kerosine lamps into incandescent lights, lighting by electricity the Colaba Compressing Station, additional pension payable to Mr. Walton, hiring extra carts for the Health Department, constructing a ward office for the Streets and Buildings branch of the Engineer's Department at Gamdevi, preparing, printing and binding a Calendar of Municipal Records, renewing and repairing storm-water drain in the Mint compound, purchase of bullocks for the Health Department, cleaning Frere Road drain, additional expenditure on the Infectious Diseases Hospital, Arthur Road, purchase of coal for the Love Grove Pumping Station and for sundry other purposes. These, together with the investments of the net premia received on the 1st instalment of Rs. 10 lakhs of the 15¾ lakhs Loan and of the extra interest realizations of the Municipal Buildings Fire Insurance and Worn-out Water Mains Renewal Funds amounting to Rs. 37,357-7-0, raised the total of the additional grants to Rs. 8,23,313-13-9.

Under the provisions of the same section unexpended balances of the Grants for 1894-95 and previous years amounting to Rs. 1,09,782-11-1 were re-sanctioned by the Corporation.

The Standing Committee, under the terms of section 132, renewed lapsed grants for 1895-96 amounting to Rs. 3,70,265-8-3.

Transfers from one head to another sanctioned by the Standing Committee, under section 133, aggregated Rs. 43,709-0-5.

B.

CONTRASTED STATEMENT showing the Original Budget Grants for 1896-97, Additions, Transfers and the Grants as amended.

PARTICULARS.	Original Grants sanctioned by the Corporation as per Section 129.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of grants for 1894-95 and previous years required for expenditure in 1896-97.	Lapsed Grants for 1895-96 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 133 (1) *b* & *c* and (2).	Deduct Transfers as per Section 133 (1) *a* & *c*.	Amended Grants.
1	2	3	4	5	6	7	8
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
GENERAL SUPERINTENDENCE—							
Corporation and Standing Committee Establishment	57,448 0 0	.....	94 12 0	504 5 10	A 1,395 0 0	DD 1,051 7 3	58,890 10 7
Municipal Commissioner's Personal Office Establishment	54,000 0 0	1,000 0 0	.....	115 8 0	.....	.....	55,115 8 0
General Office Establishment	35,692 0 0	11,630 0 0	.....	.....	B 150 0 0	EE 150 0 0	47,322 0 0
Accounts and Expenditure Audit Establishment	57,448 0 0	400 0 0	.....	.....	C 366 12 4	.. ..	58,214 12 4
	2,04,588 0 0	13,030 0 0	94 12 0	619 13 10	1,911 12 4	1,201 7 3	2,19,042 14 11
ASSESSMENT AND COLLECTION DEPARTMENT—							
Property and Wheel Tax Establishment	1,46,578 0 0	819 5 9	.....	367 8 0	.....	FF 80 0 0	1,47,634 13 9
Town Duty Collection	52,000 0 0	5,505 7 11	.....	2,948 13 5	.....	.....	60,454 5 4
Tolls Collection	1,680 0 0	.....	.....	.....	.....	.....	1,680 0 0
Licensing Establishment	27,476 0 0	.....	.....	.....	D 197 7 5	.....	27,673 7 5
Revenue and Refund Audit Office Establishment	25,096 0 0	910 0 0	.....	.....	E 56 7 3	.....	26,062 7 3
	2,52,830 0 0	7,234 13 8	.....	3,316 5 5	253 14 8	80 0 0	2,63,555 1 9
FIRE BRIGADE	1,16,845 0 0	.....	170 9 8	3,212 2 8	F 784 0 0	GG 784 0 0	1,20,227 12 4
MAINTENANCE OF PUBLIC GARDENS—							
Victoria Gardens—Maintenance	53,333 0 0	.....	2,082 11 8	3,607 6 11	G 500 0 0	HH 2,636 4 7	56,886 14 0
Do. —New Works	..	31,771 1 10	18,069 9 9	.....	H 13,546 14 2	II 8,663 5 10	54,724 3 11
Elphinstone Circle Garden	2,260 0 0	.....	.....	.....	.....	.....	2,260 0 0
Falkland Road do.	520 0 0	.....	.....	.....	I 8 5 4	.....	528 5 4
Northbrook do.	1,870 0 0	.....	.....	.....	J 73 8 0	JJ 5 8 0	1,938 0 0

Sir C. Jehangir Mahim do.	724	0	0	.....		.....		.....		.....			.....		724	0	0
Bazaar Gate Street do.	804	0	0	.....		.....		.....		.....			.....		804	0	0
Garden on the Flats	1,040	0	0	.....		.....		.....	K	3	3	4	.....		1,043	3	4
Dick's Tank Garden	454	0	0	.....		.....		.....	L	1	9	6	.....		455	9	6
Malabar Hill Garden	1,288	0	0	.....		.....		.....	M	78	4	10	.....		1,346	4	10
	62,273	0	0	31,771	1	10	20,152	5	5	3,607	6	11	14,211	13	2	11,365	2	5	1,20,710	8	11
Net cost of land acquired for the improvement and extension of the Victoria Gardens	....			.....			3,300	12	8	.....			.. ..			KK 3,300	12	8	.....		
	62,273	0	0	31,771	1	10	23,453	2	1	3,607	6	11	14,211	13	2	14,665	15	1	1,20,710	8	11
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—																					
I. General Supervision and Miscellaneous Duties	48,216	0	0	1,650	0	0	.....			5	9	5	N	368	5	4	.....			50,239	14	9
II. DRAINAGE—																					
A. Miscellaneous Drainage	1,26,850	0	0	2,624	0	0	.....			2,647	10	6	O	9,136	13	2	LL 4,277	0	0	1,36,981	7	8
B. Maintenance of Love Grove Pumping Station	92,885	0	0	11,780	11	3	.....			87	8	0	P	634	0	0	.....			1,05,387	3	3
C. Do. of Sluices	4,290	0	0	.....			.....			... ..			Q	318	4	0	.....			4,608	4	0
D. Do. of Pumping Station, Colaba	26,751	0	0	4,428	12	3	.....			167	14	4	R	280	0	0	MM 280	0	0	31,347	10	7
III. WATER WORKS MAINTENANCE	2,49,439	0	0	79,343	4	0	3,919	14	0	2,341	13	0	S	5,900	0	0	NN 5,900	0	0	3,35,043	15	0
IV. STREETS AND BUILDINGS—																					
A. Inspection and Supervision	87,222	0	0	.....			.....			131	0	6	T	1,210	0	0	OO 368	5	4	88,194	11	2
B. Public Lighting	2,88,452	0	0	300	0	0	.....			111	10	0	U	1,608	0	0	PP 1,608	0	0	2,88,863	10	0
C. Road Watering	87,400	0	0	.....			.....			7,275	0	0		.....			.....			94,675	0	0
D. Road Repairs and Maintenance	3,66,311	0	0	.....			.....			9,152	3	8		.....			QQ 5,481	0	0	3,69,982	3	8
E. Street Improvements	1,02,500	0	0	.....			.....			6,906	6	4		.....			.....			1,09,406	6	4
V. Cleaning, Lighting and Repairing Port Trust Wharves Roads	* 38,642	0	0	.....			.....			.....				.....			.....			38,642	0	0
	15,18,958	0	0	1,00,126	11	6	3,919	14	0	28,826	11	9		19,455	6	6	17,914	5	4	16,53,372	6	5
NEW WORKS	48,218	0	0	31,709	13	10	14,920	8	2	1,69,183	12	10	V	788	0	0	.....			3,14,820	2	10
PUBLIC HEALTH DEPARTMENT—																					
I. General Supervision	44,942	0	0	.....			394	0	0	5	10	0	W	410	0	0	.....			45,751	10	0
II. Conservancy Branch	11,34,205	0	0	*36,605	11	0	.....			2,714	5	3	X	1,418	0	0	RR 8,350	8	4	11,66,592	7	11
III. Markets and Slaughter-houses	1,55,464	0	0	.....			.....			.....			Y	231	3	10	SS 183	5	0	1,55,511	14	10
IV. Registration of Births and Deaths	22,122	0	0	144	8	0	.....			302	0	5		.....			TT 589	7	5	21,979	1	0
V. Cemeteries	8,128	0	0	.....			.....			62	9	2	Z	196	0	0	.....			8,386	9	2
VI. Laboratory	660	0	0	.....			.....			2	3	8		.....			.....			662	3	8
VII. Mahaluxmi Dhobiwada	34,386	0	0	1,017	8	0	.....			.....				.....			.....			35,403	8	0
VIII. Infectious Diseases	6,494	0	0	7,500	0	0	.....			0	6	0	AA	3,500	0	0	.....			17,494	6	0
Health Department contd. and carried over.. Rs.	14,06,401	0	0	45,267	11	0	394	0	0	3,087	2	6		5,755	3	10	9,123	4	9	14,51,781	12	7
Carried over.. Rs.	22,03,712	0	0	2,33,872	8	10	42,558	13	11	2,08,766	5	5		37,404	14	8	34,585	11	8	26,91,728	15	2

* Includes the Grant of Rs. 1,000 sanctioned as per Corporation's Resolution No. 255, dated 5th April 1897.

B—*continued.*

PARTICULARS.	Original Grants sanctioned by the Corporation as per Section 129.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of grants for 1894-95 and previous years required for expenditure in 1896-97.	Lapsed Grants for 1895-96 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 133 (1) *b* & *c* and (2).	Deduct Transfers as per Section 133 (1) *a* & *c*.	Amended Grants.
1	2	3	4	5	6	7	8
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ..Rs.	22,08,712 0 0	2,33,873 8 10	42,558 13 11	2,08,766 5 5	37,404 14 8	34,585 11 8	26,91,738 15 2
Health Department contd. & brought forward..Rs.	14,06,401 0 0	45,267 11 0	394 0 0	3,087 2 6	5,755 3 10	9,123 4 9	14,51,781 12 7
IX. Milch-cattle Stables and Rooms	10,238 0 0	.....	.....	.....	BB 513 13 11	.....	10,751 13 11
X. Tank Conservancy	6,144 0 0	.....	.....	.....	.....	.....	6,144 0 0
XI. Rustomji Jamsetji Dharamsala, Falkland Road	374 0 0	.....	.....	.....	.....	.....	374 0 0
XII. Vaccination Contribution to Government	17,284 0 0	.....	.....	.....	.....	.....	17,284 0 0
	14,40,441 0 0	45,267 11 0	394 0 0	3,087 2 6	6,269 1 9	9,123 4 9	14,86,335 10 6
Less—Anticipated Savings under different main heads.	20,000 0 0	.....	.....	.....	.....	.....	20,000 0 0
	14,20,441 0 0	45,267 11 0	394 0 0	3,087 2 6	6,269 1 9	9,123 4 9	14,66,335 10 6
POLICE CHARGES	5,00,000 0 0	25,354 15 0	26,234 1 0	.....	.....	.....	5,51,589 0 0
EDUCATION—							
Primary Education	59,135 0 0	.....	.....	.....	.....	.....	59,135 0 0
School for Deaf and Dumb Mutes	1,800 0 0	.....	.....	.....	.....	.....	1,800 0 0
Veterinary College.....	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0
Victoria Jubilee Technical Institute	10,000 0 0	.....	.....	.....	.....	.....	10,000 0 0
Victoria and Albert Museum.....	11,200 0 0	.....	.....	6 10 3	.....	.....	11,206 10 3
Joint Schools Committee's Establishment.....	5,160 0 0	.....	.....	.....	CC 35 0 0	.....	5,195 0 0
	89,795 0 0	.....	.....	6 10 3	35 0 0	.....	89,838 10 3

HOSPITALS, &c.—							
Gokaldas Tejpal Hospital	36,000 0 0	.....	.....	.....	.....	.....	36,000 0 0
Jaffer Sulleman Dispensary	3,000 0 0	.....	.....	.....	.....	.....	3,000 0 0
Homeless Leper Asylum at Matoonga	18,000 0 0	.....	.....	.....	.....	.....	18,000 0 0
	57,000 0 0	.....	.....	.....	.....	.....	57,000 0 0
Cost of special sanitary measures for the suppression of the Bubonic Plague	.....	*4,37,055 0 1	.....	.....	.....	.....	4,37,055 0 1
MISCELLANEOUS—							
Pensions, Gratuities and Compassionate Allowances.	50,000 0 0	13,042 11 3	185 1 9	188 2 1	.....	.....	63,415 15 1
Discretional Contingencies	7,000 0 0	.....	.....	854 12 0	.....	.....	7,854 12 0
Auditors' Allowance	10,000 0 0	662 0 0	.....	.....	.....	.....	10,662 0 0
Election Expenses	1,000 0 0	.....	.....	.....	.....	.....	1,000 0 0
Grain compensation to peons, &c.	.....	20,466 0 0	.....	.....	.....	.....	20,466 0 0
Cost of procuring air analysis by an expert and of printing and other charges to be incurred in carrying out the enquiry into the question of the disposal of town sweepings	.....	.....	2,227 7 7	.....	.....	.....	2,227 7 7
Loss on account of Private Works irrecoverable bills.	.....	398 0 7	.....	.....	.....	.....	398 0 7
Cost of printing and binding 550 copies of a Calendar of Municipal Records, &c.	.....	5,837 8 0	.....	.....	.....	.....	5,837 8 0
Honorarium to be paid to Mr. Barrow for his literary labours in publishing a Calendar of old Municipal Records, &c.	.....	2,000 0 0	.....	.....	.....	.....	2,000 0 0
Printing a Monograph on the Drainage of Bombay	.....	2,000 0 0	.....	.....	.....	.....	2,000 0 0
	68,000 0 0	44,406 8 10	2,412 9 4	1,042 14 1	.....	.....	1,15,861 11 3
MUNICIPAL DEBT—							
Interest on Loans	17,83,587 11 7	.....	36,683 2 10	1,57,362 8 0	.....	.....	19,77,633 6 5
Charges on Loans	14,699 0 0	.....	.....	.....	.....	.....	14,699 0 0
Payments towards the reduction of Debt.	63,063 4 5	.....	1,500 0 0	.....	.....	.....	64,563 4 5
Do. do. Investment of Sinking Fund	2,62,950 0 0	.....	.....	.....	.....	.....	2,62,950 0 0
Do. do. do. Interest accrued on Sinking Fund	64,000 0 0	.....	.....	.....	.....	.....	64,000 0 0
	21,88,300 0 0	.....	38,183 2 10	1,57,362 8 0	.....	.....	23,83,846 10 10
INVESTMENTS—							
Municipal Buildings Fire Insurance Fund	3,000 0 0	.....	.....	.....	.....	.....	3,000 0 0
Interest realized on Fire Insurance Fund	1,100 0 0	18 8 0	.....	.....	.....	.....	1,118 8 0
Worn-out Water Mains Renewal Fund	25,000 0 0	.....	.....	.....	.....	.....	25,000 0 0
Interest realized on Worn-out Water Mains Renewal Fund	12,800 0 0	157 1 6	.....	.....	.....	.....	12,957 1 6
Interest realized on the Net Premia, &c., Fund	13,800 0 0	.....	.....	.....	.....	.....	13,800 0 0
Net Premia received on the 1st Instalment of Rs. 10 lakhs of the 15¾ lakhs Loan raised in 1896-97	.....	37,181 13 8	.....	.....	.....	.....	37,181 13 8
School Building Fund	50,000 0 0	.....	.....	.....	.....	.....	50,000 0 0
*	1,05,700 0 0	37,357 7 0	.....	.....	.....	.....	1,43,057 7 0
Grand Total....Rs.	66,32,948 0 0	8,23,313 13 9	1,09,782 11 1	3,70,265 8 3	43,709 0 5	43,709 0 5	79,36,310 1 1

* This includes Rs. 1,37,055-0-1 being part of the additional grant of Rs. 3 lakhs sanctioned as per Corporation's Resolution No. 264, dated 5th April 1897.

			Rs. a. p.	Rs. a. p.
A	Transferred from Conservancy Branch		400 0 0	
	Do.	Corporation and Standing Committee's Establishment	995 0 0	
				1,395 0 0
B	Do.	General Office Establishment		150 0 0
C	Do.	Conservancy Branch	288 12 4	
	Do.	Assessment & Collection Establishment	80 0 0	
				366 12 4
D	Do.	Registration of Births and Deaths		197 7 5
E	Do.	Corporation and Standing Committee's Establishment		56 7 3
F	Do.	Fire Brigade		784 0 0
G	Do.	Maintenance of Victoria Gardens		500 0 0
H	Do.	Do. do.	1,582 11 8	
	Do.	New Works, Victoria Gardens	8,663 5 10	
	Do.	Net cost of land acquired for the improvement and extension of the Victoria Gardens	3,300 12 8	
				13,546 14 2
I	Do.	Maintenance of Victoria Gardens		8 5 4
J	Do.	Do. do.	68 0 0	
	Do.	Northbrook Garden	5 8 0	
				73 8 0
K	Do.	Maintenance of Victoria Gardens		3 3 4
L	Do.	Do. do.		1 9 6
M	Do.	Do. do.		78 4 10
N	Do.	*Streets and Buildings.*—A. Inspection and Supervision		368 5 4
O	Do.	Road Repairs and Maintenance (Streets and Buildings)	5,021 0 0	
	Do.	Conservancy Branch	1,515 13 2	
	Do.	Miscellaneous Drainage	2,600 0 0	
				9,136 13 2

				Rs. a. p.	Rs. a. p.
DD	Transferred to	Corporation and Standing Committee's Establishment *Vide* A.		995 0 0	
	Do.	Revenue and Refund Audit Establishment *Vide* E		56 7 3	
					1,051 7 3
EE	Do.	General Office Establishment	„ B		150 0 0
FF	Do.	Accounts and Expenditure, Audit Office Establishment	„ C		80 0 0
GG	Do.	Fire Brigade	„ F		784 0 0
HH	Do.	Maintenance of Victoria Gardens	„ G	500 0 0	
	Do.	New Works, Victoria Gardens	„ H	1,582 11 8	
	Do.	Falkland Road Garden	„ I	8 5 4	
	Do.	Northbrook Garden	„ J	68 0 0	
	Do.	Garden on the Flats	„ K	3 3 4	
	Do.	Dick's Tank Garden	„ L	1 9 6	
	Do.	Malabar Hill Garden	„ M	78 4 10	
	Do.	Maintenance of Sluices.	„ Q	25 4 0	
	Do.	Cemeteries	„ Z	66 0 0	
	Do.	Milch Cattle Stables	„ BB	302 13 11	
					2,636 4 7
II	Do.	New Works, Victoria Gardens	„ H		8,063 5 10
JJ	Do.	Northbrook Garden	„ J		5 8 0
KK	Do.	New Works, Victoria Gardens	„ H		3,300 12 8
LL	Do.	Miscellaneous Drainage	„ O	2,600 0 0	
	Do.	Maintenance of Love Grove Pumping Station	„ P	634 0 0	
	Do.	Maintenance of Sluices	„ Q	293 0 0	
	Do.	*Streets and Buildings*—A. Inspection and Supervision	„ T	750 0 0	
					4,277 0 0
MM	Do.	Maintenance of Pumping Station, Colaba (Shone System)	„ R		280 0 0
NN	Do.	Water Works Maintenance	„ S		5,900 0 0
OO	Do.	Engineer's Department General Supervision and Miscellaneous Duties	„ N		368 5 4

P	Do.	Do. do.			634	0	0	PP	Do.	Public Lighting, Streets and Buildings	„	U			1,608	0	0
Q	Do.	Do. do.	293	0	0			QQ	Do.	Miscellaneous Drainage	„	O	5,021	0	0			
	Do.	Maintenance of Victoria Gardens	25	4	0				Do.	*Streets and Buildings.*— A. Inspection and Supervision.....	„	T	460	0	0			
					318	4	0									5,481	0	0
R	Do.	Do. Pumping Station, Colaba (Shone System)			280	0	0											
S	Do.	Water Works Maintenance			5,900	0	0											
T	Do.	Miscellaneous Drainage	750	0	0			RR	Do.	Conservancy Branch..	„	X	1,061	0	0			
	Do.	Road Repairs and Maintenance	460	0	0				Do.	General Supervision (Public Health Department).....	„	W	410	0	0			
					1,210	0	0		Do.	Infectious Diseases ...	„	AA	3,500	0	0			
U	Do.	Public Lighting, Streets and Buildings..			1,608	0	0		Do.	Accounts and Expenditure Audit Establishment	„	C	286	12	4			
V	Do.	Conservancy Branch			788	0	0		Do.	Markets and Slaughter Houses	„	Y	47	14	10			
W	Do.	Do.			410	0	0		Do.	Corporation and Standing Committee's Establishment	„	A	400	0	0			
X	Do.	Do.	1,061	0	0				Do.	New Works	„	V	788	0	0			
	Do.	Registration of Births and Deaths	357	0	0				Do.	Cemeteries	„	Z	130	0	0			
					1,418	0	0		Do.	Miscellaneous Drainage.....	„	O	1,515	13	2			
Y	Do.	Markets and Slaughter Houses.....	183	5	0				Do.	Milch Cattle Stables..	„	BB	211	0	0			
	Do.	Conservancy Branch.....	47	14	10											8,350	8	4
					231	3	10											
Z	Do.	Do. do.	130	0	0													
	Do.	Maintenance of Victoria Gardens	66	0	0													
					196	0	0											
AA	Do.	Conservancy branch			3,500	0	0	SS	Do.	Markets and Slaughter Houses	„	Y				183	5	0
BB	Do.	Do.	211	0	0			TT	Do.	Conservancy Branch ..	„	X	357	0	0			
	Do.	Maintenance of Victoria Gardens	302	13	11				Do.	Licensing Establishment	„	D	197	7	5			
					513	13	11		Do.	Joint Schools Committee's Establishment..	„	CC	35	0	0			
CC	Do.	Registration of Births and Deaths			35	0	0									589	7	5
		Total..Rs.			43,709	0	5						Total..Rs.			43,709	0	5

C.

EXPENDITURE.

STATEMENT *showing the Estimated and Actual Charges for* 1896-97.

PARTICULARS.	Actuals for 1895-96.	Amended Budget Estimate for 1896-97.	Actuals for 1896-97.	More than Estimate.	Less than Estimate.	REMARKS.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
GENERAL SUPERINTENDENCE—						
Corporation and Standing Committee Establishment ..	54,105 11 4	58,390 10 7	54,624 2 11	....	3,766 7 8	
Municipal Commissioner's Personal Office Establishment ..	54,779 13 1	55,115 8 0	54,003 1 0	....	1,112 7 0	
General Office Establishment	32,557 13 2	47,322 0 0	33,871 8 11	....	13,450 7 1	
Accounts and Expenditure Audit Establishment.. ..	57,874 2 2	58,214 12 4	57,142 2 0	....	1,072 10 4	
	1,99,317 7 9	2,19,042 14 11	1,99,640 14 10a	....	19,402 0 1	a Of this, Rs. 24,955-1-10 are chargeable to Water Works Account.
ASSESSMENT AND COLLECTION DEPARTMENT—						
Property and Wheel Tax Establishment	1,44,632 9 7	1,47,684 13 9	1,40,734 13 5b	....	6,950 0 4	b Of this, Rs. 26,387-12-6 are chargeable to Water Works Account.
Town Duty Collection	43,813 7 7	60,454 5 4	55,910 15 1	....	4,543 6 3	
Tolls Collection	1,680 0 0	1,680 0 0	1,680 0 0	....	.....	
Licensing Establishment	26,597 1 0	27,673 7 5	24,071 7 1	....	3,602 0 4	
Revenue and Refund Audit Office Establishment	24,266 7 3	26,062 7 3	25,761 13 10	....	300 9 5	
	2,40,989 9 5	2,63,555 1 9	2,48,159 1 5	....	15,396 0 4	
FIRE BRIGADE	1,15,990 10 2	1,20,227 12 4	1,07,653 13 0c	....	12,573 15 4	c Including Rs. 17,338-12-3 on account of Interest and Rs. 8,100 on account of Sinking Fund Instalment on the 4½ Lakhs Fire Brigade Loan.
MAINTENANCE OF PUBLIC GARDENS—						
Victoria Gardens—Maintenance	50,389 3 9	56,886 14 0	48,806 14 5	....	8,079 15 7	
Do. —New Works	567 8 10	54,724 3 11	3,113 7 11	....	51,610 12 0	
Elphinstone Circle Garden	4,763 12 2	2,260 0 0	2,007 10 4	....	252 5 8	
Falkland Road Garden	431 13 5	528 5 4	428 8 7	....	99 12 9	
Northbrook Garden	1,778 12 5	1,938 0 0	1,867 13 6	....	70 2 6	
Sir C. Jehangir Mahim Garden—Maintenance	644 0 0	724 0 0	706 7 1	....	17 8 11	
Do. do. do. do. —New Works	2,118 15 11	....	....	....	....	
Bazaar Gate Street Garden	720 5 11	804 0 0	780 9 5	....	23 6 7	
Garden on the Flats	990 10 0	1,043 3 4	974 11 8	....	68 7 8	
Dick's Tank Garden	421 8 7	455 9 6	412 2 6	....	43 7 0	
Malabar Hill Garden	1,201 12 4	1,346 4 10	1,213 13 3	....	132 7 7	
	64,028 7 4	1,20,710 8 11	60,312 2 8	....	60,398 6 3	

PUBLIC WORKS (ENGINEER'S) DEPARTMENT—						
I. General Supervision and Miscellaneous Duties ..	46,873 4 9	50,239 14 9	49,736 8 5d	....	503 6 4	d Of this, Rs. 12,487-13-3 are chargeable to Water Works Account.
II. DRAINAGE—						
A. Miscellaneous Drainage	1,18,351 6 7	1,36,981 7 8	1,20,546 13 6	....	16,434 10 2	
B. Maintenance of Love Grove Pumping Station ..	91,740 2 9	1,05,387 3 3	89,953 4 3	....	15,433 15 0	
C. Do. of Sluices	4,039 6 11	4,608 4 0	3,832 7 2	....	775 12 10	
D. Do. of Pumping Station, Colaba (Shone System).	8,495 14 10	31,347 10 7	23,133 13 6	....	8,213 13 1	
III. WATER WORKS MAINTENANCE	2,28,729 9 9	3,35,043 15 0	2,16,042 2 8	....	1,19,001 12 4	
IV. STREETS AND BUILDINGS—						
A. Inspection and Supervision	85,827 7 4	88,194 11 2	82,358 3 6	....	5,836 7 8	
B. Public Lighting	2,96,833 12 1	2,88,863 10 0	2,59,274 13 2	....	29,588 12 10	
C. Road Watering	93,957 14 7	94,675 0 0	91,352 0 2	....	3,322 15 10	
D. Road Repairs and Maintenance	3,46,515 10 0	3,69,982 3 8	3,29,779 3 10	....	40,202 15 10	
E. Street Improvements	1,30,228 5 5	1,09,406 6 4	1,03,994 0 10	....	5,412 5 6	
V. Cleaning, Lighting, and Repairing Port Trust Wharves Roads	40,642 0 0	38,642 0 0	38,642 0 0	....	....	
	14,92,734 15 0	16,53,372 6 5	14,08,645 7 0	....	2,44,726 15 5	
NEW WORKS	2,38,581 12 3	3,14,820 2 10	1,47,003 5 9e	....	1,67,816 13 1	e Of this, Rs. 12,006-6-11 are chargeable to Water Works Account.
PUBLIC HEALTH DEPARTMENT—						
I. General Supervision	43,594 3 2	45,751 10 0	43,563 7 6	....	2,183 2 6	
II. Conservancy Branch	10,74,379 12 8	11,66,592 7 11	11,19,468 1 4	....	47,124 6 7	
III. Markets and Slaughter-houses	1,58,678 8 5	1,55,511 14 10	1,40,269 8 6	....	15,242 6 4	
IV. Registration of Births and Deaths	19,279 12 5	21,979 1 0	18,768 1 4	....	3,210 15 8	
V. Cemeteries	7,533 15 9	8,386 9 2	7,511 13 9	....	874 11 5	
VI. Laboratory	471 10 0	662 3 8	342 12 3	....	319 7 5	
VII. Mahaluxmi Dhobiwada	32,981 10 1	35,403 8 0	31,263 13 6	....	4,139 10 6	
VIII. Infectious Diseases	6,407 0 9	17,494 6 0	16,513 14 1	....	980 7 11	
IX. Milch-cattle Stables and Rooms	10,347 6 7	10,751 13 11	9,724 8 5	....	1,027 5 6	
X. Tank Conservancy	6,079 3 0	6,144 0 0	5,955 8 10	....	188 7 2	
XI. Rustomjee Jamsetjee Dharamsala, Falkland Road ..	344 7 6	374 0 0	177 11 6	....	196 4 6	
XII. Vaccination Contribution to Government	15,135 15 2	17,284 0 0	16,302 11 2	....	981 4 10	
	13,75,233 9 6	14,86,335 10 6	14,09,867 0 2	....	76,468 10 4	
Less—Anticipated savings under different main heads..	....	20,000 0 0	....	....	20,000 0 0	
	13,75,233 9 6	14,66,335 10 6	14,09,867 0 2	....	56,468 10 4	
POLICE CHARGES	5,00,000 0 0	5,51,589 0 0	5,51,589 0 0	....	....	
Cost of making certain additions to the Police Superintendent's Quarters at Mahim	1,096 0 6	....	....	....	....	
	5,01,096 0 6	5,51,589 0 0	5,51,589 0 0	....	....	
Carried over .. Rs.	42,27,972 7 11	47,09,653 9 8	41,32,870 12 10	....	5,76,782 12 10	

C—*continued.*

PARTICULARS.	Actuals for 1895-96.	Amended Budget Estimate for 1896-97.	Actuals for 1896-97.	More than Estimate.	Less than Estimate.	REMARKS.
Brought forward .. Rs.	Rs. a. p. 42,27,972 7 11	Rs. a. p. 47,09,653 9 8	Rs. a. p. 41,32,870 12 10	Rs. a. p.	Rs. a. p. 5,76,782 12 10	
EDUCATION—						
Primary Education	59,135 0 0	59,135 0 0	59,135 0 0	....	....	
School for Deaf and Dumb Mutes	1,800 0 0	1,800 0 0	1,800 0 0	....	....	
Veterinary College	2,500 0 0	2,500 0 0	2,500 0 0	....	....	
Victoria Jubilee Technical Institute	10,000 0 0	10,000 0 0	10,000 0 0	....	....	
Victoria and Albert Museum	10,255 10 8	11,206 10 3	10,287 8 4	....	919 1 11	
Joint Schools Committee's Establishment	4,790 11 5	5,195 0 0	5,166 0 3	....	28 15 9	
	88,481 6 1	89,836 10 3	88,888 8 7	....	948 1 8	
HOSPITALS, &C.—						
Gokaldas Tejpal Hospital	35,262 3 11	36,000 0 0	32,101 0 7	....	3,898 15 5	
Jaffer Sulleman Dispensary	3,000 0 0	3,000 0 0	3,000 0 0	....	....	
Homeless Leper Asylum at Matunga	17,997 14 5	18,000 0 0	18,000 0 0	....	....	
	56,260 2 4	57,000 0 0	53,101 0 7	....	3,898 15 5	
Cost of Special Sanitary Measures for the Suppression of the Bubonic Plague	....	4,37,055 0 1	4,37,055 0 1	....	....	
MISCELLANEOUS—						
Pensions, Gratuities and Compassionate Allowances ..	48,451 13 9	63,415 15 1	58,600 12 0	....	4,815 3 1	
Discretional Contingencies	5,442 0 1	7,854 12 0	3,982 10 6	....	3,872 1 6	
Auditors' Allowance	9,667 8 11	10,662 0 0	10,331 12 9	....	330 3 3	
Election Expenses	197 13 0	1,000 0 0	630 1 6	....	369 14 6	
Grain Compensation to Peons, &c.	....	20,166 0 0	18,161 7 11	....	2,304 8 1	
Cost of procuring air analysis by an expert and of printing and other charges to be incurred in carrying out the inquiry into the question of disposal of town sweepings ..	26 8 6	2,227 7 7	....	....	2,227 7 7	
Loss on account of Private Works irrecoverable bills ..	185 0 1	398 0 7	398 0 7	.....	....	
Cost of printing and binding 550 copies of a Calendar of Municipal Records, &c.	....	5,837 8 0	....	....	5,837 8 0	
Cost of Printing Monograph on the Drainage of Bombay ..	....	2,000 0 0	2,000 0 0	....	....	
Honorarium to be paid to Mr. Barrow for his literary labours in publishing a Calendar of old Municipal Records, &c.	....	2,000 0 0	....	....	2,000 0 0	
	63,970 12 4	1,15,861 11 3	94,104 13 3	....	21,756 14 0	
	44,36,684 12 8	54,09,406 15 3	48,06,920 3 4	....	6,03,386 11 11	

MUNICIPAL DEBT—							
Interest on Loans	17,42,180 4 1	19,77,633 6 5	f16,88,823 4 3*	....	2,88,810 2 2		* Exclusive of Rs. 17,338-12-3 paid on account of interest on the 4½ Lakhs Fire Brigade Loan out of the Fire Brigade grant.
Charges on Loans	13,708 3 3	14,699 0 0	14,050 13 4	....	648 2 8		
Payments towards the Reduction of Debt	72,049 3 4	64,563 4 5	52,563 4 5	....	12,000 0 0		
Do. do. Investment of Sinking Fund ..	2,34,050 0 0	2,62,950 0 0	h2,36,950 0 0	g	26,000 0 0		
Do. do. do. of Interest accrued on Sinking Fund ..	57,663 12 8	64,000 0 0	63,734 8 0	....	f 265 8 0		f Of this, Rs. 11,19,997-4-9 are chargeable to Water Works Account.
	21,19,651 7 4	23,83,845 10 10	20,56,121 14 0	....	3,27,728 12 10		g Of this, Rs. 1,51,400-12-6 are chargeable to Water Works Account.
	65,56,336 4 0	77,93,252 10 1	68,62,142 1 4	....	9,31,110 8 9		h Exclusive of Rs. 8,100 on account of Sinking Fund instalment on the 4½ Lakhs Fire Brigade Loan.
INVESTMENTS—							
Municipal Buildings Fire Insurance Fund	3,000 0 0	3,000 0 0	3,000 0 0	....	....		
Interest realized on Fire Insurance Fund	965 5 5	1,118 8 0	1,118 8 0	....	....		
Worn-out Water Mains Renewal Fund	25,000 0 0	25,000 0 0	25,000 0 0	i	....		
Interest realized on Worn-out Water Mains Renewal Fund.	10,816 13 0	12,957 1 6	12,957 1 6	.. ..	....		i Chargeable to Water Works Account.
Interest realized on the Net Premia, &c., Fund	8,648 11 11	13,800 0 0	13,343 1 7j	....	456 14 5		j Of this, Rs. 3,641-2-2 are chargeable to ditto.
Net Premia received on the 1st Instalment of 10 Lakhs of the 15¾ Lakhs Loan raised in 1896-97	97,748 12 1	37,181 13 6	37,181 13 6k	....	....		k Of this Rs. 1,115-7-3 are chargeable to ditto.
School Building Fund	....	50,000 0 0	50,000 0 0	....	....		
	1,46,179 11 5	1,43,057 7 0	1,42,600 8 7	....	456 14 5		
Grand Total.. Rs.	67,02,515 15 5	79,36,310 1 1	70,04,742 9 11	....	9,31,567 7 2		

From the foregoing Statement C it will be observed that out of the total amended grants of Rs. 79,36,310-1-1, Rs. 9,31,567-7-2 remained unexpended at the close of the past year, of which Rs. 5,68,803-10-8 will have to be renewed with the sanction of the Standing Committee, under section 132 of the Municipal Act, for payment of liabilities actually incurred and remaining unpaid and for the completion of works already commenced or not taken in hand, and Rs. 1,02,358-13-3 will require the sanction of the Corporation to meet charges on account of 1895-96 and previous years and on account of transfers sanctioned in 1896-97 but not utilized during that year. There will thus remain a net saving of Rs. 2,60,404-15-3, of which Rs. 60,000 having been anticipated in October last have been appropriated in the current year's budget; the balance will go to reduce the deficit in revenue referred to at page 67.

The reasons why the various balances remained unexpended under each of the different heads and the details of the amounts required therefrom for payment during the current year and of the actual savings effected under the different heads are given below:—

General Superintendence.—Rs. 19,402-0-1 remained unexpended under this head, of which Rs. 13,214-4-8 will be required during the current year to meet unpaid establishment, printing, advertisement, clothing, contingent, &c., charges of the Standing Committee and Corporation, Commissioner's Personal and General Office, and Accounts and Expenditure Audit Establishments, and outstanding law charges for the past and previous years. The net saving of Rs. 6,187-11-5 was effected principally on fees of members of the Standing Committee, Standing Committee and Corporation's, Municipal Commissioner's and Accounts and Expenditure Audit Establishment and contingent grants and on the grants for law charges and repairs and maintenance of the Municipal Office Building.

Assessment and Collection Department.—The total unexpended balance was Rs. 15,396-0-4, of which Rs. 2,772-5-10 are required to be renewed for unpaid establishments, clothing and contingent, &c., charges of the Property and Wheel Tax, Licensing and Revenue Refund Audit Office Establishments and G. I. P. Railway Company's bill for commission, &c., charges in connection with the collection of Town Duties. The net saving, therefore, amounted to Rs. 12,623-10-6, which was principally effected on the Property and Wheel Tax, Head Quarters Office and Ward Inspection Office Establishments, Contingent and Receipt Stamps grants, and on the provision for Commission to the Port Trust and Railway Companies for the Collection of Town Duties, Summons fees, License Department, and Land Conveyance License Establishment and Contingencies.

Fire Brigade.—Out of the total unexpended balance of Rs. 12,573-15-4, Rs. 7,769-4-9 will have to be renewed for unpaid repairs, telephone, clothing and water, &c., charges, and for payment of outstanding interest on debentures of the 4½ Lakhs Fire Brigade Quarters

and Stations Loan. There thus remained a net saving of Rs. 4,804-10-7 effected on the Establishment, Rent, Contingent, &c., provision, and on the grants for the purchase of horses and rubber-lined canvas hose.

Maintenance of Public Gardens.—A total sum of Rs. 60,398-6-3 had remained unexpended under this head, from which Rs. 2,418-0-9 for unpaid Establishment, Contingent, Seeds and Plants and Repairs, &c., charges in connection with the maintenance of the Victoria Gardens, and Rs. 51,610-12-0 on account of new works (quarters for the head animal-keeper, malis, animal-keepers, &c., &c.,) will have to be renewed during the current year. The balance of Rs. 6,369-9-6 was saved on the Establishment, Stores, Water Supply and Zoological Collection grants of the Victoria Gardens (Rs. 5,661-14-10), and on the Establishment, Stores, Repairs and Water Supply grants of the other Municipal Gardens (Rs. 707-10-8).

Public Works (Engineer's) Department—I. General Supervision and Miscellaneous Duties.—Out of the unexpended balance of Rs. 503-6-4 under this head, Rs. 207-0-4 are required to be renewed for unpaid printing, &c., charges and for cost of clothing supplied to Peons; the balance was saved on the Establishment and Contingent grants.

II. Drainage—A. Miscellaneous Drainage.—On the grants for Establishment, Inspection and Cleaning of Manholes, Sewers and Gutters, Repairs and Alterations to Miscellaneous Drains and Gutters, Contingencies, Water Supply and Cleaning choked drains, there was an unexpended balance of Rs. 16,434-10-2, of which Rs. 7,511-15-8 will have to be renewed to meet unpaid Establishment, Stores, Telephone, Clothing, Contingent, Water Supply and other charges for the past year, and the cost of certain repairs, &c., works sanctioned last year, but not completed during that year, thus leaving a net saving of Rs. 8,922-10-6.

B. Maintenance of Love Grove Pumping Station.—The unexpended balance amounted to Rs. 15,433-15-0, of which Rs. 10,461-12-6 are required to be renewed for payment of past year's charges for coal, stores, water supply and telephone and for rent of the Bungalow at Love Grove from July 1896 to February 1897, which remained unpaid up to the close of the year owing to probate not having been obtained from the High Court by the executors of the estate of the late Mr. Varjivandas Madhowdas. The real saving of Rs. 4,972-2-6 was effected in the Establishment, Coal, Contingent and Water Supply grants.

C. Maintenance of Sluices.—There was an unexpended balance of Rs. 775-12-10 under the Establishment, Materials, Contingencies and Repairs and Water Supply grants, from which Rs. 320-10-0 will have to be renewed for unpaid repairs and water supply charges, leaving a net saving of Rs. 455-2-10.

D. Maintenance of Pumping Station, Colaba (Shone System).—A sum of Rs. 8,213-13-1 remained unexpended under Establishment, Coals, Repairs, Contingencies and Stores, Water Supply and Telephone, &c., grants, from which Rs. 3,216-4-3 are required to be renewed during

the current year for unpaid telephone charges and for meeting the cost of putting up electric light at the Station and fitting up electric tell-tales in the inlet manholes of the Ejector Station. The real saving amounted to Rs. 4,997-8-10, about two-thirds of which was effected on the Coal grant.

The aggregate unexpended balances under II, Drainage, amounted to Rs. 40,858-3-1, from which if Rs. 21,510-10-5 required to be renewed during the current year were deducted, the actual savings under that head would amount to Rs. 19,347-8-8.

III. Water Works.—The total unexpended balance under this head amounted to Rs. 1,19,001-12-4, including Rs. 69,226-14-9 for repairing and strengthening the Tansa Main Embankment near Kasheli between Godauli and Balcomb and Rs. 10,175 for re-constructing a portion of the Tansa Duct at the end of the 45th mile. Out of the above unexpended balance, Rs. 98,204-2-0 will have to be renewed to meet unpaid Establishment, Materials, Contingent, Printing, Advertisement, Clothing and Repairs charges for the past year, cost of re-washing sand and other materials in filters at the Bhandarwada and Malabar Hill Reservoirs, alterations and other works in connection with tanks, wells and fountains, repairs to Tulsi Main Embankment between Santa Cruz and Vehar, repairing and strengthening the Tansa Main Embankment at Kasheli, and reconstructing a portion of the Tansa Duct near Ghatkopar. The real saving amounted to Rs. 20,797-10-4, which was effected principally on the Establishment, Materials, Contingent and Annual Repairs grants. The large saving of over Rs. 10,000 on the Establishment grant was due to the late Water Engineer, Mr. Tomlinson, having resigned the service on 28th May 1896 and to the Acting Water Engineer appointed in his place having joined the appointment on the minimum pay on 5th September 1896, to minimum salaries having been allowed to the persons promoted in the arrangements made to fill up the appointment of Superintendent, Maintenance Branch, on the retirement of Mr. Watson on pension from 30th May 1896, to the full schedule strength of labourers, linemen, &c., not having been employed during the year, and to the full schedule pay not having been allowed in some cases, to absentees amongst the labour, &c., staff owing to sickness or other causes or to the plague scare.

If to the above unexpended balance of Rs. 1,19,001-12-4, Rs. 37,369-5-0 and Rs. 99,358-6-5 on account of the balances of the Water Works, New Works and Debt grants, respectively, were added, the total unexpended balances of all Water Works items would amount to Rs. 2,55,729-7-9, from which, if the sums of Rs. 98,204-2-0, Rs. 27,448-4-9 and Rs. 87,626-6-11 required to be renewed during the current year, as shown at pages 88 and 91, were deducted, the real savings on all the Water Works items would aggregate Rs. 42,450-10-1.

IV. Streets and Buildings.—A. Inspection and Supervision.—There was a total unexpended balance of Rs. 5,836-7-8 under the Establishment and Contingent grants, from which Rs. 1,830-8-7 are required to be renewed during the current year to meet unpaid printing and contingent charges and cost of a type-writing machine purchased for the Engineer's office at the end of the past year. The real saving thus amounted to Rs. 4,005-15-1.

B. Public Lighting.—Of the total unexpended balance of Rs. 29,588-12-10 under this head, only Rs. 1,186-6-4, the balance of the Lighting Contingent grant, will have to be renewed during the current year to meet unpaid charges for repairing damage done to gas lamps during the past year and cost of additional pressure guages ordered from the Bombay Gas Company. The real saving was therefore Rs. 28,402-6-6, *i. e.*, Rs. 10,593-2-10 under Gas Lighting and Rs. 17,809-3-8 under Kerosine Oil Lighting and Contingencies. The saving under the former was due to an additional number of 1,286 gas lamps having been converted into incandescent lamps with Welsbach burners, and that under the latter partly to 1,747 unused cases of kerosine oil, of the value of Rs. 8,962-6-2, on hand at the close of the past year having been transferred to Reserve Stock Account pending adjustment against the current year's grant when used from time to time and to the full lighting and contingent provision not having been expended.

C. Road Watering.—The whole of the balance of Rs. 3,322-15-10 under this head was a saving, with the exception of a small sum of Rs. 186-1-7 required to be renewed this year to meet the amount of Municipal Workshops charges for removing tanks, &c., at Colaba, which work was not completed during the past year.

D. Road Repairs and Maintenance.—There was an unexpended balance of Rs. 40,202-15-10 chiefly under Materials and Labour, Paving Footpaths and Annual Repairs, &c., grants. Rs. 17,584-8-6 will have to be renewed therefrom during the current year for pavement of footpaths and unpaid labour, telephone, Water Supply and annual repairs charges, leaving a net saving of Rs. 22,618-7-4.

E. Street Improvements.—Out of the unexpended balance of Rs. 5,412-5-6 under this head, only Rs. 23-15-10 was the actual saving. The balance of Rs. 5,388-5-8 is required to be renewed during the current year to meet payments on account of land, &c., compensation (Rs. 3,132-13-8) and cost of house number plates required for the Assessment Department (Rs. 2,255-8-0).

The total unexpended balance under the Streets and Buildings Branch amounted to Rs. 84,363-9-8, of which Rs. 26,175-14-8 will have to be renewed this year. The net saving was, therefore, Rs. 58,187-11-0.

The total unexpended balances of the four different branches of the Engineer's Department aggregated Rs. 2,44,726-15-5, of which Rs. 1,46,097-11-5 will have to be renewed during the current year, and the balance of Rs. 98,629-4-0 was a real saving.

New Works.—Of the total unexpended balance of Rs. 1,67,816-13-1, Rs. 1,22,239-6-10 will be required in 1897-98 for the completion of works in progress or not yet undertaken and for the payment of liabilities already incurred in respect of completed works. The actual saving on completed works or those not now required to be executed amounted to Rs. 45,577-6-3 as under :—

	Rs. a. p.	Rs. a. p.
Amount required for payment of charges for completed works and for the completion of works in progress—		
Water Works	† 27,448 4 9	
Other Municipal Works	74,431 2 5	
		1,01,879 7 2
Amount required for works not taken in hand last year (Municipal) ...		20,359 15 8
(Municipal Rs. 94,791-2-1 + Water Works Rs. † 27,448-4-9)=		1,22,239 6 10
Savings on Completed Works—		
Water Works	† 9,921 0 3	
Other Municipal Works	25,825 2 0	
	35,746 2 3	
Provision not required for works now considered unnecessary or not likely to be undertaken within a reasonable period—		
Municipal Works	9,831 4 0	
(Municipal Rs. 35,656-6-0 + Water Works Rs. † 9,921-0-3)=		45,577 6 3
(„ „ 1,30,447-8-1 + „	† 37,369-5-0)=	Rs. 1,67,816 13 1

Public Health Department.—I. General Supervision.—Rs. 2,183-2-6 remained unexpended on the Establishment and Contingent grants, of which Rs. 1,347-4-0 will have to be renewed to meet unpaid Establishment, Printing, Telephone, Tolls and Clothing charges and cost of fixing Wallace's Pail depôts at the Girgaum and Kamatipura Night-soil Depôts. The real saving amounted to Rs. 835-14-6.

II. Conservancy Branch.—The unexpended balance amounted to Rs. 47,124-6-7, from which Rs. 14,554-6-0 will have to be renewed for payment of Establishment, Advertisement, Stores, Repairs, Rents, and Lighting charges for the past year, Scavenging charges payable to the

Company, and purchase of carts and additional bullocks to he full number sanctioned in the Budget for 1896-97. The of Rs. 32,570-0-7 was obtained under the following heads :—

	Unexpended Balance.	To be renewed in 1897-98.	Actual Savings.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
orintendence and Inspection	2,430 10 8	143 6 10	2,287 8 10
abour (including Feed of Cattle)—			
Scavengering	10,388 8 0	1,313 10 11	9,074 13 1
Surface Drain-cleaning	7,623 7 2	.....	7,623 7 2
Gully Flushing	489 9 10	.....	489 9 10
isposal of Town Sweepings—			
Reclamation	670 2 6	102 15 2	567 3 4
Incineration	580 7 3	214 2 2	366 5 1
epairs	315 13 9	.....	315 13 9
ores (Disinfectants and Miscellaneous).	1,752 6 11	742 9 9	1,009 13 2
ew Stock	4,374 3 0	4,367 11 0	6 8 0
ent	6,731 11 3	6,655 1 10	76 9 5
ater Supply	1,940 0 7	.....	1,940 0 7
aterproof Clothing...	4 8 0	.....	4 8 0
Rs. ..	37,301 8 11	13,539 9 8	23,761 15 3
Halalkhor Branch—			
) Superintendence	415 1 6	20 2 7	394 14 11
) Labour	151 15 3	.....	151 15 3
) Feed of Bullocks...	2,627 13 4	.....	2,627 13 4
) Stores	968 10 8	216 15 8	751 11 0
) Repairs, &c.	1,792 4 10	221 9 9	1,570 11 1
) Rent	987 5 5	436 0 4	551 5 1
) Lighting Night-soil Depôts, &c. ...	419 3 3	120 0 0	299 3 3
) Water Supply	2,460 7 5	.....	2,460 7 5
Rs....	9,822 13 8	1,014 12 4	8,808 1 4
Total Rs. ...	47,124 6 7	14,554 6 0	32,570 0 7

Markets and Slaughter Houses.—The unexpended balance nted to Rs. 15,242-6-4, from which Rs. 4,689-12-10 will have to enewed for unpaid Establishment, Stores, Clothing, Lighting, irs and Rent charges. The net saving of Rs. 10,552-9-6 was ed principally on the Establishment, Lighting, Meat Carriage, s, Contingent, Repairs and Water Supply grants.

Registration of Births and Deaths.—Out of the total unexded balance of Rs. 3,210-15-8 under the Establishment, Registrars Contingent grants Rs. 1,443-9-9 will have to be renewed to meet pay due to 2 clerks and a karkoon and cost of stationery and hing supplied last year. The net saving amounted to 1,767-5-11.

Cemeteries.—The unexpended balance amounted to Rs. 874-11-5, m which Rs. 192-13-9 will have to be renewed to meet Clothing, airs, &c., charges, leaving a net saving of Rs. 681-13-8, which principally effected under Purchase of Live Stock, Feed of rses, Contingencies and Stores, &c.

VI to XI. Laboratory, Mahaluxmi Dhobhiwada, Infectious Milch Cattle Stables and Rooms, Tank Conservancy, and Jamsetji Dharamshalla, Falkland Road.—The total balance unc heads aggregated Rs. 6,851-11-0, from which Rs. 1,430-7-4 required in 1897-98 for payment on account of clothing, medicines, stores, &c., charges. The net saving of Rs. 5,4 accrued principally under Mahaluxmi Dhobhiwada and Milch Stables.

XII. Vaccination Contribution to Government.—Rs. 981-4 mained unexpended chiefly under Contingencies.

The total unexpended balances of the different branches Health Department aggregated Rs. 76,468-10-4. Deducting from the saving of Rs. 20,000 already taken credit for Budget for 1896-97 and Rs. 23,658-5-8 required for renewal the current year, the net saving on the Health Departmen Rs. 32,810-4-8.

Education.—There were unexpended balances of Rs. 919-1- Rs. 28-15-9 under Victoria and Albert Museum and Joint S Committee's Establishment, respectively, from which Rs. 25-(required to be renewed for unpaid Stationery, Contingent and khor Tax Charges. Thus the saving on Education amoun Rs. 922-11-8.

Hospitals.—Goculdas Tejpal Hospital.—On 9th November Government refunded to us Rs. 4,898-15-5 on account of the pended balance of the Municipal Contribution for 1895-96, out of Rs. 1,000 were paid for the pay of 4 Nurses and the cost of uniform, thus leaving a net saving of Rs. 3,898-15-5.

Miscellaneous.—The unexpended balances under these heads a gated Rs. 21,756-14-0, from which Rs. 4,815-3-1 will have to be re ed for unpaid Pensions and Compassionate Allowances, Rs. 2,09 for sundry works, &c., sanctioned out of the Commissioner's Discret Contingencies for 1896-97, Rs. 607-1-3 for unpaid charges on acc of Grain Compensation to Peons, &c., Rs. 2,227-7-7 for cost of proc air analysis from an expert and of printing and other charges in nection with the enquiry into the question of disposal of Town sw ings, Rs. 5,837-8-0 for printing and binding 550 copies of Calendar of the old Municipal Records, and Rs. 2,000 on accou honorarium to be paid to Mr. Barrow for his special research literary labours in publishing the Calendar. The net saving Rs. 4,174-9-10 was effected on the grants for the Commissio Discretional Contingencies, Grain Compensation to Peons, &c., Elec expenses and Auditors' allowance. The saving under the last-n tioned head was due to the appointment of one of the Auditors ha remained vacant between 13th June 1896, when Mr. Adam Sn died, and 9th July 1896, when the new Auditor, Mr. Adam Thom joined the appointment.

Municipal Debt.—The unexpended balances of the grants for Interest on Loans, Bank's Commission, &c., charges, Sinking Fund and repayment of Debt aggregated Rs. 3,27,723-12-10, of which the sum of Rs. 2,71,774-9-10, being the outstanding interest as shown in detail in Appendices 1 (B, D, E to J and M to O), and Rs. 12,000, being the amount of 24 debentures of the Drainage Loan of 1878, which became repayable on or before 1st January 1897, but which were not surrendered by the holders for re-payment up to 31st March 1897, will have to be renewed during the current year, leaving a net saving of Rs. 43,949-3-0 :—

	Rs.	a.	p.
Savings on the grants for Commission payable to the Bank of Bombay and for Miscellaneous Loan charges, due principally to provision for the latter having remained almost unexpended.....	643	2	8
Savings on interest on Loans—			
3½ per cent. 15¾ lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works Loan, due to the raising of the first instalment of Rs. 10 lakhs of this Loan having been deferred until 1st December 1896, thereby saving interest for five months—			
(Municipal Rs. 16,524-7-3 + Water Works Rs. 511-1-1*)=	17,035	8	4
Savings on Sinking Fund and Repayment of Debt—			
5 per cent. 44 lakhs Sanitary Works Loan due to a reduced Sinking Fund instalment of Rs. 30,550 on account of this Loan in lieu of the budgetted provision of Rs. 56,550 being considered sufficient for the reasons stated at page 113 of the Administration Report for 1895-96—			
(Municipal Rs. 14,779-1-7 + Water Works Rs. 11,220-14-5*)	26,000	0	0
Savings on investment of interest realized on the Sinking Fund investment due to the interest realized being less than that estimated.....	265	8	0
(Municipal Rs. 32,217-3-6 + Water Works Rs. 11,731-15-6*) = Rs.	43,949	3	0

Unpaid Interest (to be renewed)—

		Rs.	a.	p.
5 per cent. Rs. 26,94,000 Drainage Loan of 1878 (as per Appendix 1-B)		28,537	8	0
5 „	44 Lakhs Sanitary Works Loan of 1885-86 (do. 1-D)	33,850	0	0
5 „	7 Lakhs Sanitary Works Loan of 1888 (do. 1-F)	14,612	8	0
5 „	12 Lakhs Drainage and Water Works Loan (do. 1-E)	21,000	0	0
5 „	Rs. 10,08,500 Miscellaneous Works Loan (do. 1-H)	1,000	0	0
5 „	„ 2,48,000 Agripada House Sullage Water Connections Loan (as per Appendix 1-I).....	25	0	0
5 „	35 Lakhs Various Sanitary Works Loan (do. 1-J)	32,175	0	0
4 „	42 Lakhs Loan for repayment of balance of Government Consolidated Loan (as per Appendix 1-M)...	28,950	0	0
4 „	23¼ Lakhs Loan for Drainage, Water Works, Roads and other Works (as per Appendix 1-N)	21,152	4	5
3½ „	15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (as per Appendix 1-O)	2,934	13	5
(Municipal Rs. 1,84,148-2-11+Water Works Rs. 88-14-11*) Rs.		1,84,237	1	10
5 per cent. Tansa Water Works Loan (as per Appendix 1-G)		*87,537	8	0
	Rs.	2,71,774	9	10

Unpaid Capital (to be renewed)—

One Debenture of the Drainage Loan of 1878, repayable on 1st January 1890, one repayable on 1st January 1893, and 22 repayable on 1st January 1897, not presented for repayment up to the end of March 1897 :(as per Appendix 1-A).....	12,000	0	0
(Municipal Fund Rs. 1,96,148-2-11+Water Works Account Rs.	87,626-6-11*)=	2,83,774	9 10
(„ „ 2,28,365-6-5+ „	Rs. 99,358-6-5*) = Rs.	3,27,723	12 10

Investments.—The saving of Rs. 456-14-5 was entirely due to the actual interest realized on the Net Premia, &c., Fund which had to be re-invested, being less than that estimated.

The principal heads under which the sum of Rs. 9,31,567-7-2 remained unexpended as per Statement C, the amounts required therefrom for payment during the current year and the actual savings effected under those heads are shown in the following table :—

	Total Unexpended Balance.	Deduct Amount required for payment in 1897-98.	Actual Savings.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence ...	19,402 0 1	13,214 4 8	6,187 11 5
Assessment and Collection ...	15,396 0 4	2,772 5 10	12,623 10 6
Fire Brigade	12,573 15 4	7,769 4 9	4,804 10 7
Public Gardens	8,787 10 3	2,418 0 9	6,369 9 6
Do. New Works	51,610 12 0	51,610 12 0	.....
Engineer's Department ...	2,44,726 15 5	1,46,097 11 5	98,629 4 0
New Works	1,67,816 13 1	1,22,239 6 10	45,577 6 3
Health Department	56,468 10 4	23,658 5 8	32,810 4 8
Education	948 1 8	25 6 0	922 11 8
Hospitals, &c.	3,898 15 5	.....	3,898 15 5
Miscellaneous	21,756 14 0	17,582 4 2	4,174 9 10
Debt	3,27,723 12 10	2,83,774 9 10	43,949 3 0
Investment of interest realized on the Net Premia, &c., Fund	456 14 5	.....	456 14 5
Total Rs.	9,31,567 7 2	6,71,162 7 11	2,60,404 15 3

The estimated and actual opening balance, income and expenditure, of the past year have been contrasted in the following table :—

Particulars.	Estimate.	Actuals.	More than Estimate.	Less than Estimate.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Opening Balance ...	19,90,000 0 0	*28,95,658 4 11	9,05,658 4 11	.....
Revenue	65,65,700 0 0	62,08,977 11 2	.....	3,56,722 4 10
	85,55,700 0 0			
Expenditure—				
Original Estimate.	66,32,948 0 0			
Subsequent Estimate as per Statement B ...	79,36,310 1 1	70,04,742 9 11	.....	9,31,567 7 2

* Exclusive of Rs. 8,76,659-9-8 advanced for Reserve Stock.

The excess of Rs. 9,05,658-4-11 in the opening balance included Rs. 4,80,048-3-4 on account of unexpended balance of the grants for 1895-96 and previous years, which were required for expenditure in 1896-97. The remaining surplus of Rs. 4,25,610 was appropriated in the current year's Budget.

The net deficit in revenue amounted to Rs. 3,56,722-4-10. But as the total revenue of Rs. 62,08,977-11-2 included Rs. 37,357-7-0 on account of net premia realized on the first instalment of Rs. 10 lakhs of the 15¾ lakhs Loan and excess interest realizations on the Insurance and Worn-out Water Mains Renewal Funds, which, although shown in Statement A as more than the estimate, cannot be treated as actual surplus for the reason stated at page 67, the actual deficit amounted to Rs. 3,94,079-11-10, which, together with the sum of Rs. 1,80,000 on account of increase in the income for 1896-97 anticipated while preparing the Budget for 1897-98, and consequently appropriated in that Budget, would aggregate Rs. 5,74,079-11-10. Deducting from the latter sum the amount of Rs. 2¼ lakhs, by which the outstandings at the end of 1896-97 were larger than those at the end of the previous year, the net deficit would amount to Rs. 3½ lakhs.

Out of the total saving of Rs. 9,31,567-7-2, Rs. 6,71,162-7-11 will have to be renewed on account of lapsed grants for 1896-97 and previous years.

The net saving was thus Rs. 2,60,404-15-3, of which Rs. 60,000 have been appropriated in the current year's Budget. The balance of Rs. 2,00,404-15-3 would help to reduce the above deficit.

In the Budget for 1897-98 a sum of Rs. 5,63,362 was allowed for additional grants sanctioned and to be sanctioned by the Corporation up to the end of the past official year. The additional grants sanctioned by the Corporation, however, amounted to Rs. 7,85,956-6-9, or Rs. 2,22,594-6-9 in excess of the amount reserved. The latter sum will, therefore, increase the total loss of the year.

The following Statement shows the state of the surplus cash balance after allowing for liabilities already incurred and appropriations sanctioned up to the close of the year :—

	Rs.	a.	p.	Rs.	a.	p.
Actual Cash Balance (in the Office and Bank Treasuries).....				2,03,137	15	5
Surplus Cash investments and Cash lodged at the Bank of Bombay and other Local Banks—						
In 5 per cent. Municipal Debentures.....	14,86,500	0	0			
In 3½ do. Government Paper for Rs. 1,10,000...	1,14,250	0	0			
	16,00,750	0	0			
In Current account deposits at 2 per cent. interest per annum lodged with—	Rs.	a.	p.			
The Comptoir National d'Escompte de Paris	1,000	0	0			
The Hongkong and Shanghai Banking Corporation.....	1,000	0	0			
	2,000	0	0			
				16,02,750	0	0
Carried over...Rs.				18,05,887	15	5

	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...			18,05,887 15 5
Add—Recoverable advances for Loan, Departmental Works, &c. :—			
Expenditure on Loan Works in excess of that paid for from Loan Funds—			
Drainage and Water Works (Rs. 26,94,000) Loan of 1878—			
Drainage, 1st Section	16,28,970 13 0		
Water Works (Bhundarwada).....	10,16,830 13 3		
		26,45,801 10 3	
Surface Drainage Works(Rs.13,22,134-3-3 —Rs. 7,22,134-3-3).....		6,00,000 0 0	
Sanitary Works (44 Lakhs) Loan—			
Surface Drainage Works(Rs.13,22,134-3-3 —Rs. 6,00,000)	7,22,134 3 3		
Drainage(1883-84)	7,35,260 11 4		
Do. (1884)	4,01,080 11 5		
Ripon Road	1,41,500 1 2		
Other Sanitary Works.....	87,110 9 6		
Water Works	18,95,947 12 0		
		39,83,034 0 8	
Sanitary Works (Rs. 7 Lakhs) Loan—			
Fort Drainage, &c.	4,62,837 0 0		
Water Works.....	1,42,241 5 4		
		6,04,578 5 4	
Drainage and Water Works (Rs. 12 Lakhs) Loan—			
Queen's Road Sewerage, &c.....	9,01,262 9 5		
Water Works (Frere Road Main)	80,031 5 0		
		9,81,293 14 5	
Miscellaneous Works (Rs. 10,08,500) Loan—			
Drainage Works	58,396 14 10		
Cross Road at Mahaluxmi Station	19,594 4 8		
Nowroji Hill Road	54,907 3 0		
Markets (Erskine Road, &c.).....	4,86,906 2 8		
Water Works.....	1,16,214 3 2		
		7,36,018 12 4	
House Sullage Water Connections, Agripada (Rs. 2,48,000) Loan		2,33,533 12 10	
Various Sanitary Works (Rs. 35 Lakhs) Loan—			
Drainage.....	13,864 7 3		
New Roads at Agripada and elsewhere	23,36,980 13 8		
Bhuleshwar Market Extension and Foras Road Market...	3,30,422 5 2		
Other Works	3,31,811 2 3		
Water Works.....	8,72,574 9 10		
		38,85,653 6 2	
Tansa Water Works (147 Lakhs) Loan ...		1,46,89,141 1 5	
Municipal Building (including Furniture, &c.) [8 Lakhs] Loan		7,33,060 3 0	
Fire Brigade Quarters, &c. (4½ Lakhs) Loan		3,66,611 8 1	
23¼ Lakhs Drainage, Water Works, Roads and other Works Loan—			
Drainage.....	17,57,527 2 9		
Falkland Road Overbridge.....	8,978 12 0		
Wari Bunder Bridge	1,32,374 5 6		
Other Works	5,890 14 1		
Water Works.....	1,23,423 8 5		
		20,28,194 10 9	
15¾ Lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works Loan :—			
Drainage.....	3,82,817 10 5		
Wari Bunder and Victoria Roads...	1,08,806 2 0		
Burial Ground	1,64,219 9 2		
Water Works.....	279 0 4		
	Rs. 6,56,122 5 11		
Less—Contributed by the Port Trust for Wari Bunder Road.....	1,56,500 0 0		
		4,99,622 5 11	
Carried over...		Rs. 3,19,86,543 11 2	18,05,887 15 5

	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...		3,19,86,543 11 2	18,05,887 15 5
Works executed out of Savings on different Loans—			
Drainage	1,57,162 6 9		
Water Works	1,16,639 8 10		
Markets	30,060 0 0		
Roads, &c.	19,614 7 8		
		3,23,375 12 3	
		3,23,09,919 7 5	
Advanced from Surplus Balances :—			
Survey for Pipe Sewers in Umarkhari and other districts.....	11,621 6 1		
Establishment for altering drawings for Sewerage of the Umarkhari district...	458 6 9		
Tracing plans and sections of the Parel, Mazagon, and Old Race Course districts	1,087 15 3		
Establishment for the preparation of plans and estimates for the Sewerage of Mazagon, Parel and Old Race Course Districts and other works.....	23,215 0 0		
	36,382 12 1		
	Rs. a. p.		
Fees to Major Tulloch for preparing a report on the best means for filtration of Tulsi water-supply ...	1,877 12 0		
Laying mains in Reay and Kalachoki Roads and other places	797 6 1		
	2,675 2 1		
Overbridge at Fergusson and DeLisle Roads.....	1,984 0 0		
Health Department Stables in F and G Wards.....	68,120 8 2		
Health Department Bigaris Chawl at Bori Bunder	49,974 2 8		
	1,18,094 10 10		
		1,59,136 9 0	
		3,24,69,056 0 5	
Less—Expended from the following Loan Funds :—			
	Rs. a. p.		
27 Lakhs Loan, raised only.....	26,94,000 0 0		
Less—Invested in 5 per cent. Municipal Bonds.	34,000 0 0		
	26,60,000 0 0		
6 Lakhs Drainage Loan.	6,00,000 0 0		
44 Lakhs Sanitary Works Loan	44,00,000 0 0		
7 Lakhs Sanitary Works Loan	7,00,000 0 0		
Less—Invested in 5 per cent. Municipal Bonds	29,000 0 0		
	6,71,000 0 0		
Carried over Rs.	83,31,000 0 0	3,24,69,056 0 5	18,05,887 15 5

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward		83,31,000 0 0	3,24,69,056 0 5	18,05,887 15 5
12 Lakhs Drainage and Water Works Loan...	12,00,000 0 0			
Less—Invested in 3½ percent. Govt. Paper for Rs. 1,05,000.	1,04,606 4 0			
		10,95,393 12 0		
Rs. 10,08,500 Miscellaneous Works Loan...	10,08,500 0 0			
Less—Invested in 5 per cent. Municipal Bonds.....Rs.1,70,000 Ditto 3½ per cent. Govt. Paper for Rs. 1,00,000 ..... „ 99,625	2,69,625 0 0			
		7,38,875 0 0		
Rs. 2,48,000 Agripada House Sullage Water Connections Loan	2,48,000 0 0			
Less—Invested in 5 per cent. Municipal Bonds	15,000 0 0			
		2,33,000 0 0		
35 Lakhs Various Sanitary Works Loan		35,00,000 0 0		
147 Lakhs Tansa Water Works Loan		1,47,00,000 0 0		
8 Lakhs Municipal Building Loan...		8,00,000 0 0		
4½ Lakhs Fire Brigade Loan		4,50,000 0 0		
23¼ Lakhs Drainage, Water Works, Roads and other works Loan.	23,25,000 0 0			
Less—Lodged at fixed Deposits for one year at 3½ per cent. interest with— The Comptoir National d'Escompte de Paris Rs.1,00,000				
The Hongkong and Shanghai Banking Corporation ..... „ 1,50,000				
The Chartered Bank of India, Australia and China ..... „ 1,50,000				
	4,00,000 0 0			
		19,25,000 0 0		
15¾ Lakhs Sewerage, Wari Bunder, &c., Roads, Burial ground and certain Water Works Loan, 1st instalment raised	10,00,000 0 0			
Less—Invested in 3½ per cent. Govt. Paper for Rs.2,00,000 Rs.2,00,750				
Invested in 4 per cent. Port Trust Bonds .....Rs. 5,00,000				
	7,00,750 0 0			
		2,99,250 0 0		
			3,20,72,518 12 0	
Carried over Rs.			3,96,597 4 5	18,05,887 15 5

	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...		8,96,537 4 5	18,05,887 15 5
Advances to Municipal Officers, &c....	1,28,814 3 8		
Do. for Private and Departmental Works	64,516 9 9		
Do. for Printing and Stamping Building and Repair Certificates and Water Application Forms	459 12 0		
Do. to Contractors, &c.	2,100 0 0		
		1,95,890 9 5	
Do. for Reserve Stock—			
General	67,560 3 3		
Water Works.....	4,48,965 5 4		
Drainage.....	3,81,452 13 9		
Executive Engineer.....	8,862 6 2		
		9,01,840 12 6	
		14,94,268 10 4	
Deduct—Sums payable—			
Deposits, &c., in Cash	3,04,062 4 7		
Do. on account of Contractors' Government Paper kept in Office	1,200 0 0		
Government of Bombay on account of Income tax	471 5 8		
Loan Works Establishment... ...	17,869 15 8		
		3,23,603 9 11	
			11,70,665 0 5
			29,76,552 15 10
Less—Cash Balance required by the Act ...		... ...	1,00,000 0 0
		Surplus...Rs.	28,76,552 15 10
Deduct—			
Advanced for Reserve Stock as above		9,01,840 12 6	
To be renewed for unpaid charges for and prior to 1896-97		6,71,162 7 11	
			15,73,003 4 5
		Net Surplus...Rs.	13,03,549 11 5

It will be observed that the net surplus as shown above amounts to Rs. 13,03,549-11-5, whereas in the current year's Budget a sum of Rs. 19,25,000 (excluding the one lakh required by law) has been taken credit for in the opening balance. There has thus been a total deficit of Rs. 6,21,450-4-7, or, deducting Rs. 2¼ lakhs on account of larger outstandings at the end of the past year, recoverable during the current year, a net deficit of Rs. 3,96,450-4-7. The last mentioned deficit, together with further additional grants, aggregating Rs. 13,50,460-1-4, sanctioned during the current year up to date on account of additional plague charges, &c., will reduce the closing balance shown in the current year's Budget (excluding the one lakh required by the Act) from Rs. 17,95,605 to Rs. 48,694-10-1.

APPENDICES.

Nos. 1-A and B.—The first statement shows that Rs. 12,000 remained unpaid owing to 24 debentures,—one redeemable on 1st January 1890, one on 1st January 1893 and 22 on 1st January 1897—not having been presented for repayment by the holders. The second statement shows that the outstanding interest on 31st March 1897 amounted to Rs. 28,537-8-0, against Rs. 21,562-8-0 at the close of 1895-96.

Nos. 1-C and D.—The former statement shows the amount of interest paid from the beginning of the loan to the end of the past year, the amount of principal paid off, and the sum invested as Sinking Fund on account of the 44 lakhs Sanitary Works Loan. The latter statement shows that the outstanding interest was Rs. 9,237-8-0 more than that in the preceding year.

Nos. 1-E to O give the amount of Sinking Fund, including interest accumulations, and of the unpaid interest at the close of the past year on account of the various 5 and 4 per cent. Loans and the first instalment of Rs. 10 lakhs of the 3½ per cent. Loan raised from the public.

No. 2.—This is the usual Town Duty Statement, showing the various articles on which duty was levied at the time of import under the provisions of Section 192 (1) of the Municipal Act, as also the Refunds allowed thereon on their export, as provided for in Section 195 (1).

I have contrasted below the Balances, Revenue and Refunds, during the past year with those of the preceding year :—

	1894-95.		1895-96.	
	Rs.	Rs.	Rs.	Rs.
Opening Balance	13,067		7,028	
Revenue	16,81,667		15,30,411	
		16,94,734		15,37,439
Deduct—				
Refunds	7,76,856		8,88,600	
Closing Balance	7,028		3,695	
		7,83,884		8,92,295
Net Revenue		9,10,850		6,45,144
Less—Cost of Collection, &c.		52,757		65,406
Net Revenue after payment of Collection Charges	Rs.	8,58,093	Rs.	5,79,738

The gross collections for the past year having been estimated at Rs. 16,75,000, and the refunds at Rs. 7,75,000, a net income of Rs. 9,00,000 from this source was provided for in the Budget. The actual realizations were, however, Rs. 1,44,589 less, and the refunds Rs. 1,13,600 more, than the respective estimates, and the closing balance was Rs. 3,333 less than that at the beginning of the year.

Thus the net yield was Rs. 2,54,856 less than the Budget estimate. The decrease of Rs. 1,44,589 was principally under Grain, Sugar and Timber. The increase of Rs. 1,13,600 under Refunds was due to a larger amount of Refunds having been paid this year, as the daily returns of refunds passed by the Revenue and Refund Audit Officer, which owing to paucity of hands remained in arrears from two to three months, were brought up this year to about three-fourths of a month in consequence of an extra clerk allowed in the Budget for the current year.

The gross income from the Duties levied during the past year has been contrasted in the margin with that of the preceding year. Except trifling increases under Flour and Beer, there were decreases aggregating Rs. 1,53,798 under all the other items. These decreases were due to the bad state of trade last year in consequence of the Plague in Bombay and Famine in other parts of India.

Articles.	Actuals for 1895-96.	Actuals for 1896-97.	More.	Less.
	Rs.	Rs.	Rs.	Rs.
Grain	2,37,148	2,07,799	...	29,349
Flour	12	24	12	...
Wines & Spirits	2,28,288	2,15,751	...	12,537
Beer	24,151	26,681	2,530	...
Sugar	8,15,935	7,68,920	...	47,015
Ghee	2,02,457	1,79,565	...	22,892
Timber ...	1,32,773	1,05,053	...	27,720
Firewood	40,903	26,618	...	14,285
Total Rs...	16,81,667	15,30,411	2,542	1,53,798
				2,542
			Net Decrease.	1,51,256

No. 3 is the Cash account comprising the entire cash transactions, including adjustments, and showing the total Receipts and Disbursements of the past year, together with advances, deposits, investments, &c. It will be seen therefrom, that the ordinary expenditure of the year exceeded the income by Rs. 2,91,816-9-9 as shown in the margin. This deficit, together with Rs. 5,03,948-5-0 paid towards the reduction of debt and investment of Sinking Fund and the investment of the Insurance, Worn out Water Mains Renewal, Premia, &c., and School Building Funds was met from the surplus of previous years.

Expenditure	Rs.	65,00,794 4 11
Income	„	62,08,977 11 2
Surplus...	Rs.	2,91,816 9 9

LOAN WORKS.

No expenditure was incurred during the past year on Drainage Works sanctioned to be executed out of the 17 lakhs Drainage Loan of 1878, and the Rs. 8,12,000 and Rs. 20,88,000, two of the three Sanitary Works Loans aggregating Rs. 44 lakhs, Rs. 10,08,500 Miscellaneous and 35 lakhs various Sanitary Works Loan.

Rs. 54,568-9-6 were expended on House Connections, which raised the total expenditure on Drainage Works sanctioned to be executed out of the 15 lakhs loan (one of the three Sanitary Works Loans aggregating Rs. 44 lakhs) to Rs. 7,35,260-11-4 as detailed below :—

	Rs. a. p.	Sanctioned Grant. Rs. a. p.	Amount expended up to 31st March 1896. Rs. a. p.	Amount expended during 1896-97. Rs. a. p.	Total. Rs. a. p.
Queen's Road Intercepting Sewer, including compensation for land		1,92,000 0 0			
Less—Compenation received from Govt. ...	50,000 0 0				
Cost of Establishment	12,348 0 0				
		62,348 0 0			
		1,29,652 0 0			
Add—Amount transferred from Surface Drainage Works		24,317 0 0			
		1,53,969 0 0	1,53,969 0 0	.....	1,53,969 0 0
House Connections without privy fittings ...	5,71,165 0 0				
Add—Amount transferred from the provision for Ovoid Sewer, Argyll Road	19,046 14 4				
	5,90,211 14 4				
Less—Amount transferred to meet excess on Pumping Engine	11,600 0 0				
		5,78,611 14 4	2,37,821 1 5	54,568 9 6	2,92,389 10 11
Automatic Flushers at heads of gullies		5,570 0 0			
Two more Pumping Engines	88,000 0 0				
Transfers sanctioned for excess cost of the Engines ... ... Rs. 9,600					
„ for extras required in connection with the erection of the Engines ... ... „ 2,000					
	11,600 0 0				
	99,600 0 0				
Less—Savings transferred to other works ...	1,161 14 3				
		98,438 1 9	98,438 1 9	.....	98,438 1 9

House Connections, Kamathipura	60,161	0	0	.....			.....			.....		
Less—Savings transferred to other works ...	25,183	8	7									
				34,977	7	5	34,977	7	5	.....	34,977	7 5
Provision for Shaft Ventilators throughout ...	45,652	0	0									
Less—Savings transferred to other works ...	704	15	6									
				44,947	0	6	44,947	0	6	.....	44,947	0 6
Establishment	89,239	0	0									
Less—Savings transferred to other works ...	370	0	0									
				88,869	0	0	88,869	0	0	.....	88,869	0 0
House Connections Survey...	4,621	0	0									
Less—Savings transferred to other works ...	59	2	9									
				4,561	13	3	4,561	13	3	.....	4,561	13 3
Survey of Pipe Sewers	5,113	0	0									
Less—Transferred to other works	5,113	0	0									
				.....			.....			.....	.....	
Closing Storm-water openings in Frere Road sewer	22,827	0	0									
Add—Amount transferred from the Argyll Road pipe sewer	2,369	0	0									
	25,196	0	0									
Less—Savings transferred to other works ...	8,087	6	6									
				17,108	9	6	17,108	9	6	.....	17,108	9 6
Total Rs. ...				10,27,052	14	9	6,80692	1	10	54,568	9	6 7,35,260 11 4

A further sum of Rs. 545-3-10 was spent last year on constructing Catchpits in the Fort. This raised the expenditure on Drainage Works sanctioned out of the 7 lakhs Sanitary Works Loan to Rs. 4,62,337 as shown below :—

	Rs. a. p.	Sanctioned Grant. Rs. a. p.	Amount expended up to 31st March 1896. Rs. a. p.	Amount expended during 1896-97. Rs. a. p.	Total. Rs. a. p.
Drainage of Fort	4,13,010 0 0				
Less—Savings transferred to the allotment for the pipe sewer from Clare Road along south portions of Haines Road (Corporation's Resolution No. 1250, dated 5th June 1890) ..Rs. 4,521-1-6					
Do. to different works as per Corporation's Resolution No. 4870, dated 2nd August 1894 .. .. ,, 40,535-0-9					
Do. to Catchpits in Fort .. ,, 9,997-0-0					
	55,053 2 3	3,58,856 13 9	3,58,853 13 9	....	3,58,853 13 9
Catchpit works Sanctioned under Corporation's Resolution No. 6524, dated 10th September 1894	....	9,997 0 0	9,023 4 2	545 3 10	9,568 8 0
Establishment	....	39,419 0 0	39,419 0 0	....	39,419 0 0
Additional works at Love Grove Pumping Station	39,724 0 0				
Less—Amount of Loan short raised .. ..Rs. 3,292-0-9					
Savings transferred to the different works,—*vide* Corporation's Resolution No 13318, dated 25th Feb. 1892. ,, 1,786-5-9					
	5,078 6 6	34,645 9 6	34,645 9 6	....	34,645 9 6
Constructing pipe drains in certain roads in Khetwady	6,290 0 0				
Less—Amount of loan short raised ..	1,007 10 0				
		5,282 6 0	5,282 6 0	....	5,282 6 0
Constructing side drain in Wari Bunder Road	9,046 0 0				
Less—Amount of loan short raised ..	4,111 15 11				
		4,934 0 1	4,934 0 1	....	4,934 0 1
Extra grant on account of Queen's Road intercepting sewer	13,544 0 0				
Less—Amount of loan short raised ..	3,910 5 4				
		9,633 10 8	9,633 10 8	....	9,633 10 8
	Total Rs. ..	4,62,768 8 0	4,61,791 12 2	545 3 10	4,62,337 0 0

With the further expenditure of Rs. 584-7-1 incurred on Catchpits in the Queen's Road District the total expenditure on the Queen's Road pipe sewers and house connections works sanctioned to be carried out of the 12 lakhs Drainage and Water Works Loan aggregated Rs. 9,01,262-9-5 as under :—

		Sanctioned Grant.	Revised Estimate sanctioned under Standing Committee's Resolution No. 9276, dated 17th December 1890, and 4530, dated 30th July 1891.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Queen's Road pipe sewers .. .		2,50,686 0 0	6,11,525 0 0	6,09,998 4 2	.....	6,09,998 4 2
Do. House Connections ..		7,19,418 0 0	2,36,677 0 0	1,91,027 9 4	....	1,91,027 9 4
Establishment and Contingencies	Rs. a. p. 1,45,425 0 0					
Deduct—						
Catchpit works sanctioned under Corporation's Resolution No. 6524, dated 10th September 1894	13,808 0 0					
		1,31,617 0 0	2,66,727 0 0	90,208 5 3	....	90,208 5 3
Catchpit works		13,808 0 0	....	9,448 15 7	584 7 1	10,033 6 8
		11,14,929 0 0	11,14,929 0 0			
		say	say			
		11,15,000 0 0	11,15,000 0 0			
Less—						
Savings transferred to other works	52,218 4 9					
Do. to meet excess on the Colaba Sewerage works ..	50,000 0 0					
		1,02,218 4 9	1,02,218 4 9			
Total Rs.		10,12,781 11 3	10,12,718 11 3	9,00,678 2 4	584 7 1	9,01,262 9 5

Including the small sum of Rs. 5-2-5 spent last year on Catchpits the aggregate expenditure up to 31st March 1897 on Agripada House Sullage Water connections works sanctioned out of the Rs. 2,48,000 Loan amounted to Rs. 2,33,533-12-10 as under :—

		Sanctioned Grant.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
		Rs.	Rs. a. p	Rs. a. p.	Rs. a. p.
Agripada House Sullage connections..	Rs. 2,15,653				
Less—Transferred to Catchpit works sanctioned under Corporation's Resolution No. 6524, dated 10th September 1894..	,, 6,014				
		2,09,639	2,09,211 7 4	....	2,09,211 7 4
Establishment		21,565	15,580 8 4	.....	15,580 8 4
Contingencies		10,782	8,417 10 9	....	8,417 10 9
Catchpit works sanctioned under Corporation's Resolution No. 6524, dated 10th September 1894		6,014	319 0 0	5 2 5	324 2 5
Total..	Rs.	2,48,000	2,33,528 10 5	5 2 5	2,33,533 12 10

On the following Drainage Works sanctioned out of the 23¼ lakhs Drainage and other works Loan Rs. 17,57,527-2-9 were expended up to 31st March 1897, including Rs. 1,38,572-14-8 spent during 1896-97 as per particulars given below :—

	Original Estimate.	Revised Estimate sanctioned under Corporation's Resolution No. 3694, dated 17th July 1893.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
Engines and Pumps required for the working of the Love Grove Pumping Station.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Cost of engines and pumps as sanctioned under Corporation's Resolution No. 6435, dated 8th September 1891—£ 23,960 at 1s. 5d. .. .. Rs. 3,38,259 0 0		3,76,771 11 4			
Increased charges for machinery sanctioned under Corporation's Resolution No. 7849, dated 13th October 1892, on account of the fall in exchange .. .. „ 40,000 0 0					
Additional grant sanctioned under Corporation's Resolution No. 7559, dated 11th October 1894, to meet excess on the last instalment payable to the contractors—due to fall in exchange		2,463 7 10			
Telegram charges sanctioned out of savings in the grant		241 4 0			
	3,78,259		3,79,476 7 2	3,79,476 7 2	3,79,476 7 2
Construction of Engine and Boiler houses, &c., and the foundations of engines, as per Corporation's Resolution No. 6435, dated 8th September 1891	31,350	13,751 0 0			
Less—Electric lighting sanctioned out of savings		975 0 0			
		12,776 0 0	12,222 7 7	....	12,222 7 7
Additional grant sanctioned under Corporation's Resolution No. 3317, dated 4th July 1892, to be met from the sale proceeds of old engines, &c.	40,000	57,887 0 0			
Less—Several works sanctioned out of savings		5,228 3 0			
		52,658 13 0	52,658 13 0	....	52,658 13 0
Erection of machinery, &c.		23,805 0 0			
Add—Rs. 2,712-8-0 sanctioned from savings (*vide* Commissioner's No. 10460 of 11th October 1893)		2,712 8 0			
		26,517 8 0	26,281 4 0	....	26,281 4 0
Establishment and contingencies .. .. Rs. 18,883 0 0					
Less—Transferred to erection of machinery .. .. Rs. 12,712 8 0					
Telegram charges .. .. „ 241 4 0					
„ 2,953 12 0	30,391	15,929 4 0			
Sundry other works sanctioned in the revised estimate.		9,850 0 0			
Do. do. by the Commissioner out of savings ..		6,208 3 0			
		31,982 7 0	31,860 1 5	....	31,860 1 5
	4,80,000		5,03,411 3 2	5,02,499 1 2	5,02,499 1 2
Less—Cost of erecting a new Engine and Boiler house at Love Grove to be recovered from the sale proceeds of the four engines and boilers, &c.	40,000	40,000 0 0	20,053 8 8	3,500 0 0	23,553 8 8
Total Rs. ..	4,40,000		4,83,411 3 2	4,82,445 8 6 3,500 0 0	4,78,945 8 6

		Sanctioned Grant.			
Storm-water drains and pipe sewers in Connaught and Sussex Roads		37,537 0 0	24,858 15 3	....	24,858 15 3
Establishment and Contingencies, &c... .. .. Rs.	6,772 0 0				
Road repairs.. .. .. „	7,607 0 0				
		14,379 0 0	11,065 0 6	....	11,065 0 6
		51,916 0 0	35,923 15 9	....	35,923 15 9
Storm-water drains in different places		21,321 0 0	19,416 11 9	....	19,416 11 9
Establishment and Contingencies		3,198 0 0	2,402 15 5	....	2,402 15 5
		24,519 0 0	21,819 11 2	....	21,819 11 2
Miscellaneous extensions and improvements of Drains		36,871 0 0	31,240 0 0	2,424 6 1	33,664 6 1
Storm-water drains in Morland, Club and Souter Roads and Gilder Street		1,28,288 0 0	79,644 0 2	....	79,644 0 2
Sewerage of Colaba .. .. Rs.	6,17,050 0 0	....	....	....	....
Add—Amount transferred from the Queen's Road pipe sewers and house connections, as per Corporation's Resolution No. 5339, dated 9th August 1894 .. .. .. „	50,000 0 0	....	....	....	....
Additional grant sanctioned under Corporation's Resolution No. 3388, dated 2nd July 1896 .. .. Rs.	78,437 0 0				
Deduct—Amount realized by auction sale of materials .. „	14,446 13 0				
	63,990 3 0	7,31,040 3 0	6,65,202 9 10	55,412 14 5	7,20,615 8 3
Establishment and Contingencies .. .. „	92,558 0 0				
Add—Amount of Government P. Notes to be sold of Messrs. Bulkley and Co's. Deposits, *vide* Commissioner's No. 4290, dated 5th June 1896 .. .. „	6,200 0 0	98,758 0 0	87,995 7 10	8,550 15 2	96,546 7 0
		8,29,798 3 0	7,53,198 1 8	63,963 13 7	8,17,161 15 3
Sewerage of Umarkhadi .. .. „	3,02,143 0 0				
Add—Amount transferred from the grant for the main sewer of Parel as per Corporation's Resolution No. 7247, dated 10th October 1895 .. .. „	37,034 0 0				
		3,30,177 0 0	1,79,942 0 10	65,180 10 8	2,45,122 11 6
Establishment and Contingencies		45,321 0 0	34,740 14 0	10,504 0 4	45,244 14 4
		3,84,498 0 0	2,14,682 14 10	75,684 11 0	2,90,367 9 10
GRAND TOTAL.. Rs.		19,19,301 6 2	16,18,954 4 1	1,38,572 14 8	17,57,527 2 9

On the Sewerage of Mazagon, Malabar and Khambala Hills, and Fergusson Road and Chinchpokli Districts, sanctioned to be carried out of the 15¾ lakhs Sewerage, Wari Bunder, &c., Roads, Burial ground and other Works Loan, Rs. 2,66,674-7-0 were expended during 1896-97, thus bringing the total expenditure on the works to Rs. 3,82,817-10-5 as detailed below :—

	Sanctioned Grant.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Sewerage of the Mazagon District on gravitation system	2,89,271	54,552 5 8	1,49,266 3 0	2,03,818 8 8
Establishment and Contingencies	43,390	12,840 11 11	19,065 4 7	31,906 0 6
Rs.	3,32,661	67,393 1 7	1,68,331 7 7	2,35,724 9 2
Sewerage of Malabar and Khambala Hill Districts on gravitation system	1,36,545	44,172 15 8	63,489 2 9	1,07,662 2 5
Establishment and Contingencies	20,481	2,394 10 2	11,170 4 2	13,564 14 4
Rs.	1,57,026	46,567 9 10	74,659 6 11	1,21.227 0 9
Sewerage of Fergusson Road and Chinchpokli District on gravitation system, including Pipe Sewers in Fergusson and Bapty Roads	81.367	....	19,600 12 1	19,600 12 1
Establishment and Contingencies	12,205	320 8 0	4,092 12 5	4,413 4 5
Rs.	93,572	320 8 0	23,693 8 6	24,014 0 6
Raising Sewage in Queen's Road sewer.. Rs.	1,86,197	1,862 0 0	....	1,862 0 0
Sewerage of Old Race Course District on gravitation system	....	....	*Cr. 10 0 0*	*Cr. 10 0 0*
Total..Rs.	7,69,456	1,16,143 3 5	2,66,674 7 0	3,82,817 10 5

Including Rs. 6,370-6-2 spent last year on different minor works, the total expenditure up to 31st March 1897 on Drainage Works sanctioned out of the savings on different Loans amounted to Rs. 1,57,162-0-9 as detailed below :—

		Sanctioned Grant.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
		Rs.	Rs. a. p.	Rs. a p.	Rs. a. p.
Main Sewerage of Parel		67,481	13,522 2 9	....	13,522 2 9
Establishment and Contingencies		10,122	8,599 4 11	....	8,599 4 11
		77,603			
Less—Savings transferred to Umerkhadi Sewerage Works—*vide* Corporation's Resolution No. 7247, dated 10th Oct. 1895.. .. ..Rs.	37,034				
Less—Savings transferred to Pipe Sewer, Currey Road .. .. „	4,246				
Do. do. Lalwady.. „	2,579				
		43,859			
	Rs.	33,744	22,121 7 8	....	22,121 7 8
Arching over with brick masonry the main drain at Arthur Road Crossing		15,652	14,819 13 6	....	14,819 13 6
Establishment and Contingencies		2,348	835 2 10	....	835 2 10
	Rs.	18,000	15,655 0 4	....	15,655 0 4
Laying branch Pipe Sewers in the village of Parel .. ..Rs.	18,132				
Less—Transferred to 9" pipe line at Parel village, Standing Committee's Resolution No. 461, dated 10th April 1895.. .. .. „	1,029				
		17,103	14,803 2 0	....	14,803 2 0
Establishment and Contingencies		2,720	2,724 11 11	....	2,724 11 11
	Rs.	19,823	17,527 13 11	....	17,527 13 11
Completing the Storm-water drain from the top of Bazaar Gate Street to the Salvation Army Hall, Hornby Road		16,809	10,646 2 10	....	10,646 2 10
Establishment and Contingencies		4,789	3,813 15 9	....	3,813 15 9
	Rs.	21,598	14,460 2 7	....	14,460 2 7
Pipe Sewer in Currey Road	Rs.	4,246	2,595 15 5	....	2,595 15 5
9" Pipe Sewer at Lalwady		2,579	2,087 8 2	....	2,087 8 2
Sewerage of Parel on the gravitation system ..		81,620	58,127 13 3	....	58,127 13 3
Storm-water drain in Cruikshank Road		27,073	17,337 6 0	....	17,337 6 0
9" Pipe line at Parel village sanctioned under Standing Committee's Resolution No. 461, dated 10th April 1895		1,029	878 7 3	....	878 7 3
Laying 9" Pipe for the Carriage of Storm-water to the Sea from the eastern half of the Wodehouse Road		2,008	....	711 5 10	711 5 10
Constructing Catchpit on the Mint Road Sewer opposite the European General Hospital ..		4,468	....	11 15 0	11 15 0
Altering and ovoiding Storm-water drain in Girgaum		15,588	....	775 0 0	775 0 0
Storm-water drain in Khetwady		54,486	....	925 0 0	925 0 0
Draining Storm-water from public roads round the Mahaluxmi Dhobiwada		1,415	..	447 1 4	447 1 4
Converting the old Engine house at Love Grove into an office and godown and constructing a Shred-lifter chamber with 4 Shred-lifters ..		3,500	....	3,500 0 0	3,500 0 0
Total .. Rs.		2,91,177	1,50,791 10 7	6,370 6 2	1,57,162 0 9

Payments amounting to Rs. 9,458-14-4 made last year on account of construction of Inspector's Quarters at Khaling and compensation awarded for the land taken up from the Pawai Estate for the Tansa

Duct brought up the total expenditure on the Tansa Works up to 1896-97 to Rs. 1,46,89,141-1-5 as under :—

	Amount of Grant as per the final Revised Estimate sanctioned by the Corporation on 23rd Feb. 1893 and subsequently modified as per their Resolutions Nos. 12743/7-2-95 & 6609/12-10-93, 1637/6-5-95.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
Dam, Outlet Works, &c.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Payments to Messrs. Glover & Co. for Dam construction	35,43,863 14 6	35,43,863 14 6	.....	35,43,863 14 6
Outlay on Outlet works, screens, &c....	10,724 1 9	10,640 1 9	.....	10,640 1 9
Memorial structure at Tansa ...	2,628 0 0	2,185 2 9	.....	2,185 2 9
Rs.	35,57,216 0 3	35,56,689 3 0	.....	35,56,689 3 0
Duct from Tansa Dam to Ghatkopar.				
Payments to Messrs. Walsh, Lovett, Mitchell & Co.... ...	55,09,680 1 0	55,08,480 0 8	.....	55,08,480 0 8
Four Sluice houses on Siphon No. 6	16,211 5 0	16,211 5 0	.....	16,211 5 0
Sixteen Cabins along the line of Duct	12,871 11 8	12,871 11 8	.....	12,871 11 8
Roofing over the Conduit at Bandra	7,680 0 0	7,680 0 0	.....	7,680 0 0
Widening creek banks at Thana and other protective works ...	6,814 15 2	6,814 15 2	.....	6,814 15 2
Protective works in sub-divisions Nos. 2 and 3	3,297 11 6	3,297 11 6	.....	3,297 11 6
Gratings at siphon heads and tails including fixing	1,687 0 9	1,595 9 0	.....	1,595 9 0
Masonry channel to let out water from the Tansa duct into the Vehar Lake	1,348 12 0	1,348 12 0	.....	1,348 12 0
Pitching banks	1,244 0 0	977 0 0	.....	977 0 0
Screen for the Ghatkopar siphon head	334 0 0	334 0 0	.....	334 0 0
Wrought-iron standards for extension of Bridge No. 3 ...	320 5 1	320 5 1	.....	320 5 1
Flooring Bassein bridge & culverts	13,000 0 0	12,167 5 11	.....	12,167 5 11
Widening embankments at Bassein Creek	10,000 0 0	9,941 2 0	.....	9,941 2 0
Dry rubble stone pitching on Siphon No. 5	2,447 7 8	2,447 7 8	.....	2,447 7 8
Work at basis of Cabins	1,760 0 0	747 4 10	.....	747 4 10
Bungalows to be taken over by the Municipality	500 0 0	200 0 0	.....	200 0 0
Excavating and widening the old Khosla Nulla	320 8 6	320 8 6	.....	320 8 6
Earth filling and loose stone-pitching in No. 4 Division ...	224 0 2	224 0 2	.....	224 0 2
Repairing 2' drain on Siphon No. 2, &c.	204 9 3	204 9 3	.....	204 9 3
Raising manholes in No. 3 Division	38 8 1	38 8 1	.....	38 8 1
Masonry required at Ghatkopar clearing sluice	883 14 4	691 13 3	.....	691 13 3
Renewing boundary marks ...	2,000 0 0	73 14 0	.....	73 14 0
Rs.	55,92,868 14 2	55,86,987 15 9	.....	55,86,987 15 9
Carried over...Rs.	91,50,084 14 5	91,43,677 2 9	.....	91,43,677 2 9

	Amount of Grant as per the final Revised Estimate sanctioned by the Corporation on 23rd Feb. 1893 and subsequently modified as per their Resolutions Nos. 6609 12-10-93, 12743 7-2-95 and 1237 6-5-95	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.	91,50,084 14 5	91,43,677 2 9	.....	91,43,677 2 9
Duct from Ghatkopar to Bombay.				
Payments to Messrs. Sittaram Luxumon & Co.	3,43,765 11 1	3,43,765 11 1	.....	3,43,765 11 1
27" Arthur Road Main	39,835 3 7	39,835 3 7	.....	39,835 3 7
Earthwork between Ghatkopar and Matunga	34,190 2 8	34,190 2 8	.....	34,190 2 8
Sub-way at Chinchpokli	20,317 6 3	20,317 6 3	.....	20,317 6 3
Alterations at Kurla Creek ...	14,587 14 3	14,587 14 3	.....	14,587 14 3
Iron work for swing bridge at Kurla	13,422 15 6	13,422 15 6	.....	13,422 15 6
Construction of three Sluice houses	12,757 1 2	12,757 1 2	.....	12,757 1 2
Erection of bridge at Ghatkopar...	8,723 8 0	8,723 8 0	.....	8,723 8 0
Iron work for bridge at Ghatkopar	5,980 0 0	5,980 0 0	.....	5,980 0 0
Diversion of gas main and sundry petty charges	5,102 2 6	5,102 2 6	.....	5,102 2 6
Pumping out water at Chinchpokli	4,053 5 1	4,053 5 1	.....	4,053 5 1
9" Pipe sewer, Arthur Road ...	3,413 8 3	3,413 8 3	.....	3,413 8 3
Additional flooring to bridge over the G. I. P. Railway at Ghatkopar	2,295 0 0	2,295 0 0	.....	2,295 0 0
Embankment at Rowli salt works	959 12 10	959 12 10	.....	959 12 10
Lifting 48" main over Ghatkopar bridge	320 0 0	320 0 0	.....	320 0 0
Ghatkopar Strainers	12,000 0 0	10,701 14 8	.....	10,701 14 8
Filling up to pipe embankment level a strip of land taken up for the pipe line at Kurla to store pipes	2,640 0 0	2,131 7 8	.....	2,131 7 8
Additional work, Ghatkopar bridge	1,600 0 0	1,353 5 6	.....	1,353 5 6
Rs.	5,25,963 11 2	5,23,910 7 0	.....	5,23,910 7 0
Pipes, Special Castings, &c.				
Payments to Messrs. Macfarlane, Strang & Co.	37,99,064 10 3	37,98,926 2 5	.....	37,98,926 2 5
Special castings, &c., supplied by Messrs. Richardson and Cruddas and the Water Works Department	21,940 12 7	21,940 12 7	.....	21,940 12 7
Rs.	38,21,005 6 10	38,20,866 15 0	.....	38,20,866 15 0
Land.				
Land acquisition ... .. Rs.	2,77,329 7 10	2,68,542 1 4	6,971 5 8	2,75,513 7 0
Establishment.				
Establishment ... ... Rs.	5,45,195 2 8	5,45,181 2 8	.....	5,45,181 2 8
Carried over...Rs.	1,43,19,578 10 11	1,43,02,177 12 9	6,971 5 8	1,43,09,149 2 5

	Amount of Grant as per the final Revised Estimate sanctioned by the Corporation on 23rd Feb. 1893 and subsequently modified as per their Resolutions Nos. 6609 12-10-93, 12743 and 1537 7-2-95 and 6-5-95.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.	1,43,19,578 10 11	1,43,02,177 12 9	6,971 5 8	1,43,09 149 2 5
Contingencies.				
Cost of survey (including tents&c.)	49,664 8 8	49,664 8 8	.....	49,664 8 8
Office dead stock, instruments and stationery	19,960 0 0	19,960 0 0	.....	19,960 0 0
	69,624 8 8	69,624 8 8	.....	69,624 8 8
Less—Value of stock, tents, &c., transferred to Water Works stock as sanctioned by the Corporation ...	*16,406 0 0*	*Cr. 16,406 0 0*	.....	*Cr. 16,406 0 0*
	53,218 8 8	53,218 8 8	.....	53,218 8 8
Cost of trial pits, forest clearing, and petty charges	1,39,598 9 3	1,39,598 9 3	.....	*1,39,598 9 3
Temporary and inferior establishment	2,75,410 12 2	2,75,410 12 2	.....	2,75,410 12 2
Testing Officer's allowance ...	43,388 1 4	43,388 1 4	.....	43,388 1 4
Construction of office and establishment quarters at Tansa and on the Duct line	28,932 15 9	28,932 15 9	.....	28,932 15 9
Construction of permanent Quarters in the village of Khaling for the Inspector of Mandola Division	3,932 0 0	1,015 3 3	2,487 8 8	3,502 11 11
Removing pipes from Kasheli Bunder to Gadowli Depôt ...	34,390 0 0	34,390 0 0	.....	34,390 0 0
Rent for reclaimed land at the Junction of DeLisle and Arthur Roads used for storing pipes ...	6,000 7 8	6,000 7 8	.....	6,000 7 8
Laying drain pipes below the Pipe embankment on the Duct line...	2,534 14 9	2,534 14 9	.....	2,534 14 9
Printing & advertisement charges	4,348 0 2	4,348 0 2	.....	4,348 0 2
Sinking a well at Atgaon ...	881 6 6	881 6 6	.....	881 6 6
Law charges	4,215 7 1	4,215 7 1	.....	4,215 7 1
Rs.	5,96,801 3 4	5,93,884 6 7	2,487 8 8	5,96,371 15 3
Cost of Tansa opening ceremony Rs.	22,400 10 3	22,400 10 3	.....	22,400 10 3
Cost of a set of silver plate presented to Mr. Clarke ... Rs.	1,219 7 6	1,219 5 6	.....	1,219 5 6
	1,49,40,000 0 0	1,49,19,682 3 1	9,458 14 4	1,49,29,141 1 5
Less—Amount in excess of the Tansa Loan of Rs. 147 lakhs met out of the Premia received on the Loan as sanctioned in Corporation'sResolutions Nos. 8893 and 12693 of 12th Nov. 1891 and 23rd Feb. 1893	2,40,000 0 0	2,40,000 0 0	.....	2,40,000 0 0
Net expenditure ... Rs.	1,47,00,000 0 0	1,46,79,682 3 1	9,458 14 4	1,46,89,141 1 5

* Including Rs. 11,000 paid to Messrs. Walsh, Lovett, Mitchell & Co. in full settlement of all their claims against the Municipality for extra works and Rs. 10,200, being the proportionate amount debitable to the Tansa Works out of the sum of Rs. 15,000 paid to Mr. Sittaram Luxumon in final settlement of all his claims against the Municipality for bonus, &c.

Further expenditure amounting to Rs. 47,305-1-11 incurred last year on works at the Bhandarwada Reservoir and improvements at the Malabar Hill Reservoir raised the total expenditure on Water Works sanctioned out of the 23¼ Lakhs Loan to Rs. 1,23,423-8-5 as per following particulars :—

	Sanctioned Grant.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Works at the Bhandarwada Reservoir ..	1,15,000	29,404 6 1	43,704 15 11	73,109 6 0
Improvements at the Malabar Hill Reservoir	75,000	18,216 6 6	3,600 2 0	21,816 8 6
Extension of Water mains	30,000	28,026 6 5	....	28,026 6 5
Road from Vehar to Tulsi	25,000	471 3 6	....	471 3 6
Total Rs.	2,45,500	76,118 6 6	47,305 1 11	1,23,423 8 5

Further establishment charges amounting to Rs. 168-5-4 were incurred in 1896-97 for preparing estimates, &c., for the improvement of the Outlet towers at Vehar and Tulsi. The total sum spent on the work up to 31st March 1897, including Rs. 110-11-0 expended in 1895-96, amounted to Rs. 279-0-4 against the allotment of Rs. 30,000 provided in the 15¾ Lakhs Sewerage, Wari Bunder, &c., Roads and other Works Loan.

The cost of the Water Works sanctioned to be executed out of the savings on different Loans amounted to Rs. 1,16,539-3-10 as detailed below including Rs. 160-3-2 spent on residence for Chief Inspector and rooms for 6 sluice men and Rs. 57,495-2-6 adjusted as per Corporation's Resolution No. 12915, dated 9th February 1896 :—

	Sanctioned Grant.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Construction of Residence for the Chief Inspector of Water Works and rooms for 6 sluicemen at Babula Tank Road..	46,360 0 0	14,285 15 10	160 3 2	14,446 3 0
Covering the Storage Basin of the Bhundarwada Reservoir and constructing Filters over it	44,597 14 4	44,597 14 4	.....	44,597 14 4
27" and 24" mains from Malabar Hill Reservoir to Frere Fountain ..	50,093 1 2	.....	50,093 1 2	50,093 1 2
Connections at Chinchpokli between Vehar and Tansa Mains	7,402 1 4	.....	7,402 1 4	7,402 1 4
Total..Rs.	1,48,453 0 10	58,883 14 2	57,655 5 8	1,16,539 3 10

A sum of Rs. 797-6-1 was advanced last year on account of cost of establishment employed for preparing detailed estimates for the water mains to be laid in Reay and Kalachowki Roads and other places. Owing, however, to the sum of Rs. 57,495-2-6 advanced in previous years for 27" and 24" mains from Malabar Hill Reservoir to Frere Foun-

tain and connections at Chinchpokli between the Tansa and Vehar mains having been adjusted against savings on different loans as sanctioned by the Corporation, the total advance from surplus balance on account of Water Works, pending the raising of a loan, are reduced from Rs. 59,372-14-6 to Rs. 2,675-2-1 only.

The cost of roads sanctioned to be made out of the Rs. 10,08,500, Miscellaneous Works Loan, aggregated Rs. 74,501-7-8 including Rs. 22,359-15-6 spent last year on account of land acquired for road through Nowroji Hill.

	Sanctioned Grant.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Cross road from Mahaluxmi Station from Clerk Road to Haines Road	22,625	19,594 4 8	....	19,594 4 8
Road through Nowroji Hill from Elphinstone Bridge to Dongri Street	2,63,875	32,547 3 6	22,359 15 6	54,907 3 0
Total..Rs.	2,86,500	52,141 8 2	22,359 15 6	74,501 7 8

A further expenditure of Rs. 24,741-10-5 incurred in 1896-97 on account of construction of Matunga Road, purchase of land at Matunga and Agripada, and legal, &c., charges in connection with purchases of different plots of land, raised the total cost of roads and streets in Agripada and elsewhere sanctioned out of the 15 Lakhs provision in the 35 Lakhs Various Sanitary Works Loan and the advance of Rs. 9½ lakhs sanctioned for the purchase of frontages to Rs. 24,24,489-1-9. Deducting from this the sum of Rs. 87,508-4-1 realized on account of sale of surplus land in 1896-97, the net expenditure amounted to Rs. 23,36,980-13-8 as detailed below :—

	Sanctioned Grant.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Matunga Road		5,00,509 4 2	6,122 9 1	5,06,631 13 8
Less— Cost of land at Sion acquired for the Tansa pipe line and transferred to the Tansa Works Allotment ..		34,543 10 2	.....	34,543 10 2
		4,65,965 10 0	6,122 9 1	4,72,088 3 1
Dadar and Hasali Cross Roads		13,270 8 7	.....	13,270 8 7
Agripada Roads		13,95,083 8 5	5,749 6 10	14,00,832 15 3
Connaught Road	15,00,000	3,04,861 4 8	.....	3,04,861 4 8
Jakeria Bunder Road		24,217 15 11	.....	24,217 15 11
Morland Road		13,441 6 10	.....	13,441 6 10
Gilder Street		48,997 3 8	.....	48,997 3 8
Souter Road		*Cr. 2,028 2 1*	.....	*Cr. 2,028 2 1*
Club Road		10,464 7 11	.....	10,464 7 11
Establishment		23,907 6 8	.....	23,907 6 8
Brokerage, Conveyance and other Legal and Contingent Charges		1,10,758 0 11	12,869 10 6	1,23,627 11 5
	15,00,000	24,08,939 7 6	24,741 10 5	24,33,681 1 11
Less— Credit on account of sale of surplus Land	.....	*Cr. 9,192 0 2*	*Cr. 87,508 4 1*	*Cr. 96,700 4 3*
Total..Rs.	15,00,000	23,99,747 7 4	*Cr. 62,766 0 8*	23,36,980 13 8

On the Wari Bunder Bridge sanctioned to be constructed out of the 23¼ lakhs Drainage and other Works Loan, Rs. 7,455-7-5 were spent during 1896-97, thus raising the total expenditure up to 31st March 1897 on the bridges sanctioned out of the above Loan to Rs. 1,41,353-1-6 as under:—

	Sanctioned Grant.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Falkland Road Bridge	22,000	8,978 12 0	....	8,978 12 0
Wari Bunder Bridge	1,32,652	1,24,918 14 1	7,455 7 5	1,32,374 5 6
Total..Rs.	1,54,652	1,33,897 10 1	7,455 7 5	1,41,353 1 6

A sum of Rs. 1,00,484-10-0 was spent last year on the Wari Bunder and Victoria Roads sanctioned out of the Loan of Rs. 15¾ lakhs as shown below :—

	Sanctioned Grant.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Wari Bunder Road	4,40,848	8,321 8 0	70,049 2 0	78,370 10 0
Victoria Road	36,200	....	30,435 8 0	30,435 8 0
		8,321 8 0	100,484 10 0	1,08,806 2 0
Less—Contribution received from the Port Trust		*Cr.1,56,500 0 0*	....	*Cr.1,56,500 0 0*
Total..Rs.	4,77,048	*Cr.1,48,178 8 0*	1,00,484 10 0	*Cr. 47,693 14 0*

On the purchase and fixing of new pattern Hydrants for road watering and fire brigade purposes, for which a sum of Rs. 50,000 was sanctioned out of savings on different Loans, a sum of Rs. 19,614-7-8 was spent last year.

A sum of Rs. 1,984 was advanced last year from Surplus Balances as sanctioned in Corporation's Resolution No. 2279, dated 11th June 1896, on account of compensation for land at the Junction of Fergusson and DeLisle Roads purchased for the site of the proposed overbridge thereat.

The sum of Rs. 219-9-2 paid last year on account of the Municipal Solicitors' costs for preparing the conveyance in respect of the land purchased from the Port Trust raised the total cost of Burial Ground for Mahomedans, for which a sum of Rs. 2,41,952 was provided in the 15¾ lakhs Loan, to Rs. 1,64,219-9-2.

The expenditure of Rs. 7,725-5-0, incurred last year, on account of constructing latrines for the Bigaris' chawl at Bori Bunder, raised the total cost of the Miscellaneous Works carried out by advances from Surplus Balances pending the raising of a Loan to Rs. 1,18,094-10-10 as under :—

	Sanctioned Grant.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Bigaris' Chawl at Bori Bunder	52,575	42,248 13 8	7,725 5 0	49,974 2 8
Health Department Stables in F & G Wards.	78,744	68,120 8 2	....	68,120 8 2
Total..Rs.	1,31,319	1,10,369 5 10	7,725 5 0	1,18,094 10 10

On constructing Quarters for Bigaris at the Colaba Market, a sum of Rs. 2,316-9-4 was spent last year. The sum of Rs. 28,060 advanced in 1892-93 for a portion of the cost of a site for the Market and debited to this Loan was transferred last year to savings on different Loans as sanctioned in Corporation's Resolution No. 12915, dated 6th February 1896. The total cost of Markets sanctioned out of the 10,08,500 Miscellaneous Works Loan was consequently reduced from Rs. 5,12,649-9-4 to Rs. 4,86,906-2-8 as detailed below :—

	Sanctioned Grant.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
New Market at Colaba..	50,300	92,077 6 7	2,316 9 4	94,393 15 11
Less—Portion of cost of site for the Market met out of the Premia received on the Loan as sanctioned in Corporation's Resolution No. 1200, dated 9th May 1892.		21,949 0 0	.....	
Balance of cost of site transferred to Savings on different Loan Works as sanctioned in Corporation's Resolution No. 12915, dated 6th February 1896 ..		.....	*Cr. 28,060 0 0*	50,000 0 0
Rs.	50,300	70,137 6 7	*Cr. 25,743 6 8*	44,393 15 11
Erskine Road Market Extension ..	3,99,758	4,31,666 11 11	.....	4,31,666 11 11
Less—Excess met out of the Premia received on the Loan as sanctioned in Corporation's Resolution No. 2758, dated 11th June 1891		*Cr.31,908 11 11*	.....	*Cr.31,908 11 11*
Rs.	3,99,758	3,99,758 0 0	.....	3,99,758 0 0
Arthur Crawford Markets Extension..Rs.	49,942	42,754 2 9	.....	42,754 2 9
Total..Rs.	5,00,000	5,12,649 9 4	*Cr. 25,743 6 8*	4,86,906 2 8

A net sum of Rs. 45,022-15-7 was expended last year on the Bhuleshwar Market Extension (including accommodation for Primary Schools on the top floor) and the Arthur Crawford Markets labourers' quarters sanctioned out of the 35 lakhs Various Sanitary Works Loan. The total expenditure up to 31st March 1897 on the Markets sanc-

tioned out of the above Loan, after deducting the Government grant-in-aid of Rs. 33,500 towards the construction of the School, amounted to Rs. 3,30,422-5-2 as detailed below :—

	Sanctioned Grant.	Amount expended up to 31st March 1896.	Amount expended during 1896-97.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Bhuleshwar Market Extension and School.	4,50,000	2,36,852 0 3	77,051 7 9	3,13,903 8 0
Less—Government Grant-in-aid towards the construction of the School ..		.....	33,500 0 0	33,500 0 0
		2,36,852 0 3	43,551 7 9	2,80,403 8 0
New Market at Foras Road	50,000	40,499 14 11	.....	40,499 14 11
Labourers' Quarters in connection with the Arthur Crawford Market ..	22,700	8,047 6 5	1,471 7 10	9,518 14 3
Total..Rs.	5,22,700	2,85,399 5 7	45,022 15 7	3,30,422 5 2

The expenditure on the following Markets sanctioned out of savings on different Loans amounted to Rs. 30,060 as detailed below :—

	Sanctioned Grant.	Amount expended up to 31st March 1896-97.	Amount expended during 1896-97.	Total.
	Rs.	Rs.	Rs.	Rs.
Portion of cost of site of the Colaba Market	28,060	.....	28,060	28,060
Market at Currey Road..	40,539	.....	2,000	2,000
Do. Chowpatty	17,000	.....	.....	.....
Total..Rs.	85,599	.....	30,060	30,060

The total expenditure on the different Fire Brigade Stations constructed out of the 4½ lakhs Loan including Rs. 43,226-15-4 spent in 1896-97 on the Colaba, Gamdevi, Mahim, Babula Tank, Sankli Tank and Dadar Fire Brigade Stations amounted to Rs. 3,66,611-8-1 as per following statement :—

	Originally Sanctioned Grant.	Revised Grant.	Amount expended up to 31st March 1896.	Amount expended during 1896-97	Total.
	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Fort	36,201	36,031	31,454 1 0	.....	31,454 1 0
Colaba	26,468	26,468	23,952 9 8	983 1 10	24,935 11 6
Bhuleshwar ..	52,815	52,815	51,589 10 8	.....	51,589 10 8
Gamdevi	8,273	8,273	146 14 0	135 14 10	282 12 10
Chinchpokli	7,209	6,609	6,512 7 10	.....	6,512 7 10
Pedder Market	7,721	7,721	7,480 0 4	.....	7,480 0 4
Mahim	6,561	7,164	7,108 14 0	42 2 8	7,151 0 8
DeLisle Road	28,026	28,026	25,280 5 1	.....	25,280 5 1
Filling in Babula Tank	21,716	21,716	20,620 11 11	.....	20,620 14 11
Babula Tank	36,569	36,569	25,496 4 11	5,113 6 4	30,609 11 3
Filling in Sankli Tank..	1,00,301	1,00,301	92,787 14 10	.....	92,787 14 10
Sankli Tank	1,07,905	1,07,905	21,894 4 6	36,933 0 0	58,827 4 6
Filling in Naigam Tank	2,194	2,194	2,008 6 1	.....	2,008 6 1
Dadar (Naigam Tank)..	8,208	8,208	7,051 12 11	19 5 8	7,071 2 7
Total Rs...	4,50,170 or say 4,50,000		3,23,384 8 9	43,226 15 4	3,66,611 8 1

Owing to large advances made to Municipal Officers and Chairman, Plague Committee, in connection with special measures for the suppression of the Bubonic Plague, the advances to Municipal officers, &c., stood at Rs. 1,28,814-3-8 at the close of 1896-97 against Rs. 6,780-6-6 at the close of 1895-96.

The private and departmental works outstandings on 31st March 1897 amounted to Rs. 64,516-9-9 against Rs. 34,788-14-11 on 31st March 1896. The increase of Rs. 29,727-10-10 was principally due to statements of private works executed by the Drainage Department in connection with the Plague, such as treating down-take pipes, house-connections, &c., not having been submitted in time to this department for inclusion in the accounts of the past year and the consequent non-recovery of the bills on account thereof during that year.

The value of unsold Repair and Building Certificate and Water Application forms on 31st March 1897 amounted to Rs. 459-12-0 against Rs. 247 on 31st March 1896.

The advances to Contractors at the end of 1896-97 were reduced from Rs. 2,307-1-0 to Rs. 2,100.

Owing to the unused kerosine oil cases remaining on hand on 31st March 1897 having been transferred to the reserve stock account, pending adjustment of the value of the same against the lighting grant for 1897-98 and to the purchase of stone-ware pipes, fittings, cement, &c., for different Drainage Works now under construction, the total value of Reserve Stock on 31st March 1897 was increased from Rs. 8,76,659-9-8 to Rs. 9,01,840-12-6.

No. 4, Liabilities.—The payment of Rs. 12,063-4-5 made during the past year reduced the balance of the Vehar debt due to Government from Rs. 25,53,591-3-10 at the close of 1895-96 to Rs. 25,41,527-15-5 at the close of 1896-97.

Debentures of the value of Rs. 40,500 on account of the 5 per cent. loan of 1878 were paid off during the past year. But owing to 24 debentures of Rs. 500 each or for Rs. 12,000 in all (1 repayable on 1st January 1890, 1 on 1st January 1893, and 22 on 1st January 1897) not having been surrendered by the holders thereof for repayment before the close of the past year, the outstanding debt on account of this loan stood on 31st March 1897 at Rs. 20,79,000 instead of Rs. 20,67,000 as per the terms of the Loan. The difference of Rs. 12,000 has been renewed this year to enable us to pay off the debentures, whenever surrendered to us for repayment.

The first instalment of Rs. 10 lakhs of the 15¾ lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works Loan was raised from the public on 1st December 1896 at rates varying from 104 to 106 per cent., the average rate realized being 104·228 per cent.

Owing chiefly to receipts of deposits from the Bombay Port Trust for laying water tables on the roads on Mody Bay Estate, from Mr. Saishai R. Naidoo for erecting a drinking fountain at the junction of Elphinstone and Dadar Roads and from the Colaba Land and Mill Company, Limited, on account of bills for rates and taxes and to a large increase in the amount of unpaid wages refunded by the Municipal Paymaster and credited to Deposit account, the balance of contractors', &c., Cash Deposits amounted to Rs. 3,04,062-4-7 against Rs. 2,60,971-7-3 on 31st March 1896.

The balance of Rs. 471-5-8 due to Government on account of Income Tax recovered by the Municipality was paid into Her Majesty's Treasury at the Bank of Bombay on 13th and 22nd April 1897.

Owing to a payment of Rs. 60 made in the past year, the Loan works Establishment balance was reduced from Rs. 17,929-15-8 to Rs. 17,869-15-8.

The aggregate *Liabilities* of the Municipality on 31st March 1897 amounted to Rs. 3,89,81,231-9-4 including Rs. 2,40,88,090-13-4 on account of Water Works as per statement *No. 7* against Rs. 3,80,22,864-12-9 on 31st March 1896.

No. 5, Assets.—Consequent on the increase in the Private Works outstandings, chiefly on account of private works executed by the Drainage Department in connection with the plague and in the Workshops outstandings on account of a large amount of incomplete works due to their having been kept back owing to scarcity of workmen, &c., during the prevalence of the plague, and in the advances of Municipal Officers, &c., on account of large advances made to Municipal Officers and the Chairman, Plague Committee, in connection with the Plague, the balance of recoverable advances was increased from Rs. 44,123-6-5 at the end of 1895-96 to Rs. 1,95,890-9-5 at the end of the past year.

The invested balances at the end of last year amounted to Rs. 55,96,636-4-7 as detailed below against Rs. 59,58,288-11-7 at the close of the preceding year :—

	On 31st March 1897.			On 31st March 1896.		
	Rs.	a.	p.	Rs.	a.	p.
Surplus Cash Balance (in 3½ per cent. Government Paper and Cash and Current Account Deposits and 5 per cent. Municipal Bonds)	16,02,750	0	0	24,71,541	10	3
Loan Fund Balances (do. do. do.) ...	15,52,981	4	0	14,55,459	9	4
Rs.	31,55,731	4	0	39,27,001	3	7
Sinking Fund—						
5 per cent. Municipal Loans (in 5 per cent. Municipal Bonds and Cash as detailed on page 119)	12,65,519	9	8	10,74,524	15	8
4 per cent. Municipal Loans (in 4 per cent. Municipal Bonds and Cash as detailed on page 119)	3,00,189	7	0	1,82,399	9	0
Rs.	15,65,709	0	8	12,56,924	8	8
Other Funds—						
Municipal Buildings Fire Insurance Fund (in 5 per cent. and 4 per cent. Municipal Bonds and Cash)	28,224	10	4	24,106	2	4
Worn-out Water Mains Renewal Fund (in 5 per cent. and 4 per cent. Municipal Bonds and Cash)	3,09,003	10	10	2,71,046	9	4
Net Premia, &c., Fund (in 5 per cent. and 4 per cent. Municipal Bonds and Cash).	3,21,367	10	9	2,78,910	3	8
School Building Fund (in 3½ per cent. Government Paper and Cash)... ...	50,000	0	0	.....		
Rs.	7,08,595	15	11	5,74,062	15	4
Rs.	54,30,036	4	7	57,57,988	11	7
Contractors', &c., Deposits in Government and other Securities	1,66,600	0	0	2,00,300	0	0
Total...Rs.	55,96,636	4	7	59,58,288	11	7

The details of the 5 and 4 per cent. Loans Sinking Fund Investments, aggregating Rs. 15,65,709-0-8 on 31st March 1897 as shown above, have been given in the following statement:—

	Up to 31st March 1896.	Due in 1896-97.	Interest Accumulations in 1896-97.	Total.
5 % LOANS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
(1) 44 Lakhs Sanitary Works Loan	4,51,047 15 5	30,550 0 0	22,569 6 6	5,04,167 5 11
(2) 7 Do. do. do.	57,120 12 0	6,000 0 0	2,844 1 4	65,964 13 4
(3) 147 Lakhs Tansa Water Works Loan ..	1,81,172 0 8	42,000 0 0	9,671 7 1	2,32,843 7 9
(4) 12 Lakhs Drainage and Water Works Loan	1,03,534 5 4	11,000 0 0	5,153 0 1	1,19,687 5 5
(5) Rs. 10,08,500 Miscellaneous Works Loan.	70,581 14 9	8,600 0 0	3,534 2 3	82,716 1 0
(6) Rs. 2,48,000 Agripada House Sullage Water Connections Loan	16,330 0 2	2,400 0 0	811 9 3	19,541 9 5
(7) 35 Lakhs Various Sanitary Works Loan.	1,63,903 2 2	29,000 0 0	8,155 0 8	2,01,058 2 10
(8) 8 Lakhs Municipal Building Loan ..	30,834 13 2	7,000 0 0	1,705 14 10	39,540 12 0
1.—Total..Rs.	10,74,524 15 8	1,36,550 0 0	54,444 10 0	12,65,519 9 8
		1,90,994 10 0		
In 5 per cent. Municipal Debentures for Rs. 12,65,500 at par lodged with the Bank of Bombay	10,74,500 0 0 +	1,91,000 0 0 =		12,65,500 0 0
Cash deposited with the Bank of Bombay. ..	24 15 8 —	5 6 0 =		19 9 8
4 % LOANS.				
(9) 4½ Lakhs Fire-Brigade Quarters and Stations Loan	25,283 15 9	8,100 0 0	1,013 1 5	34,397 1 2
(10) 42 Lakhs Loan for Repayment of Balance of Government Consolidated Loan ..	1,57,115 9 3	75,500 0 0	7,781 1 1	2,40,396 10 4
(11) 23½ Lakhs Loan for Drainage and other works	....	24,900 0 0	495 11 6	25,395 11 6
2.—Total..Rs.	1,82,399 9 0	1,08,500 0 0	9,289 14 0	3,00,189 7 0
		1,17,789 14 0		
In 4 per cent. Municipal Debentures at par lodged with the Bank of Bombay ..	1,82,000 0 0 +	1,18,000 0 0 =		*3,00,000 0 0
Cash deposited with the Bank of Bombay. ..	399 9 0 —	210 2 0 =		189 7 0
Grand Total 1 & 2 Rs....	12,56,924 8 8	2,45,050 0 0	63,734 8 0	15,65,709 0 8
		3,08,784 8 0		

* Includes debentures for Rs. 51,000 and Rs. 8,000 purchased on 6th July 1896 and 12th January 1897 at 114½ and 110 per cent., respectively, the premium on which aggregating Rs. 8,067-8-0 was met from the Net Premia, &c., Fund.

The following are the details of the investments of the Municipal Buildings Fire Insurance, Worn-out Water Mains Renewal, Net Premia, &c., and School Building Funds:—

	Up to 31st March 1896.	Due in 1896-97.	Interest Accumulations in 1896-97.	Total.	*Less*—Amount drawn in 1896-97 to meet the premia payable on 4% Municipal Debentures for Rs. 59,000 purchased on 6-7-96 and 12-1-97 for the investment of the 4% Municipal Loans Sinking Fund Investment.	Balance on 31st March 1897.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. Municipal Buildings Fire Insurance Fund (started in 1889-90)	24,106 2 4	3,000 0 0	1,118 8 0	28,224 10 4		
		4,118 8 0				
In 5 and 4 per cent. Municipal Debentures for Rs. 26,500 and Rs. 1,500, respectively, at par lodged with the Bank of Bombay	24,000 0 0	+ 4,000 0 0 =		28,000 0 0		
Cash deposited with the Bank of Bombay	106 2 4	+ 118 8 0 =		224 10 4		
2. Worn-out Water Mains Renewal Fund (started in 1892-93) ..	2,71,046 9 4	25,000 0 0	12,957 1 6	3,09,003 10 10		
		37,957 1 6				
In 5 and 4 per cent. Municipal Debentures for Rs. 3,02,000 and Rs. 7,000, respectively, at par lodged with the Bank of Bombay	2,71,000 0 0	+ 38,000 0 0 =		3,09,000 0 0		
Cash deposited with the Bank of Bombay	46 9 4	— 42 14 6 —		3 10 10		
3. Net Premia, &c., Fund (started in 1893-94)	2,78,910 3 8	*37,181 13 6	13,343 1 7	3,29,435 2 9		
		50,524-15-1—8,067-8-0=42,457-7-1			8,067 8 0	3,21,367 10 9
In 5 and 4 per cent. Municipal Debentures for Rs. 3,20,000 and Rs. 500, respectively, at par lodged with the Bank of Bombay..	2,78,000 0 0	+ 42,500 0 0 =				3,20,500 0 0
Accrued interest on Debentures for Rs. 36,500 from 1st October 1896 to 3rd February 1897, adjusted at the time of investment, recovered and invested in 1897-98, when the half-yearly interest became due on those debentures ..	444 9 4	+ 178 15 4 =				623 8 8
Cash deposited with the Bank of Bombay	465 10 4	— 221 8 3 =				244 2 1
4. School Building Fund (started in 1896-97)	.....	50,000 0 0	.....	50,000 0 0		
In 3½% Government Paper for Rs. 47,500		48,839 1 0		48,839 1 0		
Accrued interest on the above Paper from 1st November 1896 to 31st March 1897 adjusted at the time of investment which has been drawn and credited to this head in 1897-98 when the half-yearly interest became due on the Paper		692 11 4		692 11 4		
Cash deposited with the Bank of Bombay		468 3 8		468 3 8		
Total 1, 2, 3, and 4, Rs...	5,74,062 15 4	1,15,181 13 6	27,418 11 1	7,16,663 7 11	8,067 8 0	7,08,595 15 11

* Net Premia received on the 1st instalment of Rs. 10 Lakhs of the 15¾ Lakhs Loan raised in December 1896.

The aggregate value of the *Reserve Stock* at the General, Water Works, Drainage, and Bellasis Bridge Kerosine Oil Depôts at the end of the past year, amounted to Rs. 9,01,840-12-6 or Rs. 25,181-2-10 more than that of the stock in hand at the end of the preceding year.

Property of the value of about Rs. 62¼ lakhs (45½ lakhs as per valuation lists of 1883-84 and 16¾ lakhs since acquired) has still remained unbooked as in previous years.

The total value of Overbridges, Roads, Drainage, Water and other works up to the end of the past year amounted to Rs. 4,24,40,701-10-2.

ASSETS.	Rs.	a.	p.
Cash Balance, Advances, and Investments	59,95,664	13	5
Reserve Stock	9,01,840	12	6
Buildings and other Properties	63,32,241	4	0
	1,32,29,746	13	11
Overbridges, Roads, Drainage, Water and other works executed out of Loan, &c., Funds.....	4,24,40,701	10	2
Total Assets..Rs.	5,56,70,448	8	1
Deduct—Total LIABILITIES .....Rs.	3,89,81,231	9	4
Assets in excess of Liabilities ...Rs.	1,66,89,216	14	9

It will be seen from the marginal figures that the entire Assets of the Municipality at the close of the past year exceeded the Liabilities by nearly 1 krore and 67 lakhs, *i.e.*, about 45 per cent.

Nos. 6 and 7 are the Water Works Income and Expenditure and Assets and Liabilities Statements shown separately as required in the Standing Committee's Resolution No. 10625, dated 22nd December 1891.

It will be seen from the former that the expenditure exceeded the income by Rs. 1,89,867-6-3, which deficiency was met from the General Revenue of the Municipality. The latter statement shows that the Assets, *i.e.*, the cost of works, plus the amount of investments on account of the Worn out Water Mains renewal and the Net Premia, &c., Funds amounted to Rs. 2,79,67,712-15-3 against the Liabilities aggregating Rs. 2,40,88,090-13-4. The excess of Assets over Liabilities thus amounted to Rs. 38,79,622-1-11, of which Rs. 24,77,233-5-11 were met from Municipal Revenues, and the balance of Rs. 14,02,388-12-0 from the Water Works Revenue proper.

No. 8, Garden Fund.—This statement shows that out of the sum of Rs. 55,224-3-11 standing to the credit of the Fund, Rs. 3,613-7-11 were expended during the past year, and that Rs. 42,204-8-1 will have to be renewed during the current year to meet the cost of the garden improvement works sanctioned as per Corporation's Resolution Nos. 14171 and 12245, dated 5th March 1896, and 8th February 1897, respectively.

The statement also shows that the unappropriated balance to the credit of the Fund on 31st March 1897 amounted to Rs. 9,406-3-11.

STORES.

Reserve stock of the value of Rs. 67,560-3-3 was in charge of the Inspector of Stores at the General Stores, Paltan Road, on 1st March 1897, against Rs. 65,655-6-5 at the close of the previous year.

The following contrasted table shows the principal items of Stock Balances during the past three years :—

Description of Articles.		Balance on 1st March 1895.		Balance on 1st March 1896.		Balance on 1st March 1897.	
		Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
			Rs. a. p.		Rs. a. p.		Rs. a. p.
Brass tubes	cwts.	11-1-3	897 0 4	11-0-21	887 9 6	11-0-18	885 9 5
Copper scrap	„	5-0-22	175 3 7	.....	.....	.....	.....
Cresol, phenyle, and sanitary fluid	gals.	271-0-0	528 10 0	.....	.....	614-0-0	2,576 8 0
Coal	tons.	.....	.....	.....	.....	.....	.....
Gun-metal scrap	cwts.	.....	.....	.....	.....	.....	.....
Hose canvas	r.ft.	.....	.....	.....	.....	321-0-0	202 1 6
Iron plate	cwts.	54-1-14	404 9 5	305-3-19	2,276 10 4	265-3-8	1,733 5 9
Disinfecting carbolic acid	gals.	.....	.....	.....	.....	2,114-0-0	7,361 8 0
Do. do. do. powder	casks.	80	1,180 3 2	180	1,779 2 2	.....	.....
Do. Sanitas powder	„	.....	.....	185	4,925 10 0	181	4,972 11 3
Iron bar of sorts	cwts.	212-3-26	1,899 13 8	622-0-0	4,911 2 8	168-3-27	2,161 10 5
Earthenware pipe of sorts	Nos.	18,303	45,311 10 8	16,760	42,453 10 2	14,167	40,702 8 6
Do. do. caps	„	186	529 14 6	186	529 14 6	186	529 14 6
Steel bar of sorts	cwts.	106-0-5	1,355 8 1	163-1-6	2,088 13 10	136-3-23	1,494 2 8
Tin block	„	0-3-25	57 1 1	.....	.....	.....	.....
Timber, benteak logs	c. ft.	.....	.....	222-1069	198 15 4	.....	.....
Do. Calicut logs	„	.....	.....	.....	.....	.....	.....
Do. babool wood	candies.	.....	.....	.....	.....	23-3-0	399 6 0
Posts, cast-iron	cwts.	89-2-0	447 7 3	85-1-20	427 2 3	73-1-20	367 2 3
Pipes, bends, couplings, flanges, &c., iron	Nos.	541	253 13 9	249	100 14 9	.....	.....
Steel plates	cwts.	30-0-0	289 0 1	.....	.....	.....	.....
Bolts and nuts, iron	„	.....	.....	77-1-20	1,022 0 6	73-0-10	864 3 2
Rivets, iron	„	.....	.....	.....	.....	47-2-16	674 12 2
Nuts, iron	„	.....	.....	14-2-15	237 1 4	13-3-19	189 8 2
Ventilators, cast iron	„	70-0-0	350 0 0	70-0-0	350 0 0	70-0-0	350 0 0
Screws, iron, galvanised	„	.....	.....	.....	.....	8-0-19	306 15 2
	Total...Rs.		53,679 15 7		62,188 11 4		65,771 14 11

It will be observed that these balances still include Rs. 41,232-7-0 on account of several kinds of earthenware pipes which have been considered as unserviceable both by the Executive Engineer and the Drainage Engineer, partly on account of their being broken, and partly on account of their not being useful for general purposes of the Drainage Works. It would therefore be well if steps were taken to utilize them in the manner suggested in the last Annual Report, so that they may not have to be carried forward in the Reserve Stock balances from year to year.

The total purchases of Stores during the past year amounted to Rs. 1,91,519-9-6. Rs. 143-12-0 were recovered from Government on account of disinfectants sold to the Commissioner of Police. The proceeds of surplus stores (such as empty drums of oil, acid, &c., wooden coal tar casks, empty boxes, &c.,) sold by public auction through the Municipal Auctioneers amounted to Rs. 91-11-9. The issues of stores to the Municipal Workshops, Public Health Department, Executive Engineer, Drainage Engineer, Markets, and other Municipal Departments amounted to Rs. 1,90,107-2-9.

As required by the General Rules approved by the Standing Committee, the Inspector of Stores examined daily the postings in the stores books and accounts at the Bellasis Bridge Depôt and Chinchpokli Stores, and took inventory of actual balances at the Drainage Depôt (Bellasis Road) in March and April 1897, and at the Water Works Stores in April and May 1897, tallying the balances shown in the respective stock books with those actually on hand. The stock at the General Stores was not taken owing to heavy work having fallen on the Inspector of Stores in consequence of the Bubonic Plague, as he had to attend to an exceptionally large number of orders of receipts and issues of all kinds of disinfectants for all the Municipal Departments and the Plague Committee, in addition to his ordinary duties and out-door work at the Bellasis Bridge Depôt and Chinchpokli Stores.

WORKSHOPS.

The receipts and disbursements, as also the balances of the Municipal Workshops for the past year, have been contrasted in the following statement with those of the preceding year :—

	1895-96.			1896-97.		
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	
To Balance of last year's account		4,523 1 3			13,061 4 3	
„ Payments—						
On account of Establishment.	43,111 0 2			43,308 10 8		
Do. Stores, &c..	55,662 12 7			61,908 2 6		
		98,773 12 9			*1,05,216 13 2	
„ Profit		6,990 6 3			9,061 12 3	
Total...Rs.		1,10,287 4 3			1,27,339 13 8	
By Recoveries—						
Private Works	81 0 4			650 14 4		
Departmental Works.	95,812 12 3			1,11,695 1 0		
		95,893 12 7			1,12,345 15 4	
„ Iron, &c., sold		1,332 3 5			932 11 1	
		97,226 0 0			*1,13,278 10 5	
„ Outstandings—						
Private Works	65 3 10			20 11 4		
Departmental Works	11,899 2 0			472 7 8		
	11,964 5 10			493 3 0		
„ Incomplete Works—						
Private Works	.....			.....		
Departmental Works.	1,096 14 5			13,568 0 3		
		13,061 4 3			14,061 3 3	
Total...Rs.		1,10,287 4 3			1,27,339 13 8	

The increase of Rs. 6,443-0-5 in the total expenditure on labour and stores during past year was chiefly due to a large number of works in connection with the plague having been undertaken in the Workshops.

In consequence of our charging, as usual, 35 per cent. over the actual cost of Establishment and Stores, and an additional 15 per cent. for private works, the Workshops realized a surplus of Rs. 29,134-13-1 on departmental and private works executed at the Shops, including the hire of pumping engine and other petty charges as detailed in the margin. More than a fourth

	Rs. a. p.
35 per cent. Charges	28,256 7 8
15 „ „	59 0 4
Hire of Pumping engine	759 5 1
Allowance to Workshops on account of Stationery, &c., for supervising and working the Garlick Incinerator	60 0 0
Total Rs.	29,134 13 1

* Excluding Rs. 9-4-7 on account of overpayment subsequently recovered and Re. 0-1-10 on account of excess credit subsequently adjusted.

of this surplus was obtained on repairs to Health Department carts and a twelfth on repairs to watering carts, Engineer's Department, as will be seen from the following details :—

Nature of Work done.	Actuals.	Amount charged, including 35 and 15 per cent.	Amount of percentage charged over the actuals.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Private works	290 14 7	671 9 8	380 11 1
Departmental works	70,352 2 5	99,106 4 5	28,754 2 0
Total Rs...	70,643 1 0	99,777 14 1	29,134 13 1
Repairs to scavengering, drain and hand carts	15,115 7 6	20,405 14 2	5,290 6 8
Do. night-soil carts	6,708 9 2	9,056 9 3	2,348 0 1
Total Repairs to Health Department carts..	21,824 0 8	29,462 7 5	7,638 6 9
Do. watering carts	7,316 5 11	9,877 1 7	2,560 11 8
Total..Rs.	29,140 6 7	39,339 9 0	10,199 2 5

Adding to the above surplus of Rs. 29,134-13-1 derived by the percentage charged for covering shops, supervision, repairs, &c., charges, Rs. 932-11-1 obtained by the sale of unserviceable stores, &c., the gross earnings of the Shops during the past year amounted to Rs. 30,067-8-2, from which the following establishment, shop, repairs, &c., charges amounting to Rs. 21,005-11-11 were defrayed :—

	Rs.	a.	p.
Supervising Establishment	7,776	12	11
Stores Establishment	1,020	0	0
Rs..	8,796	12	11
Shop Charges	10,403	13	5
Repairs Charges	1,805	1	7
Total ... Rs.	21,005	11	11

The net profit on the year's working has thus been Rs. 9,061-12-3, or over 8½ per cent. on the outlay for labour and stores.

The Workshops Outstanding on account of completed works for the past year amounted to Rs. 493-3-0, and those on account of incomplete works to Rs. 13,568-0-3 or Rs. 14,061-3-3, in all. The larger outstanding on account of incomplete works was partly due to the necessity of keeping back some of the jobs on account of other urgent works required in connection with the plague and to the scarcity of workmen owing to some of the men having left the city during the prevalence of the plague.

GENERAL REMARKS.

The following statement shows the sums that passed annually through the Paymaster for payment to municipal employés since 1873, and the net unpaid savings in each year credited to Deposit account since March 1890 pending their forfeiture under the Statute of Limitation ;—

Year.	Sums handed over for payment to Employés. Rs.	Net unpaid wages credited to Savings. Rs.	Deposit Account. Rs.
1872	In this year there was no Paymaster.	2,177	.....
1873	8,40,451	3,098	.....
1874	8,50,000	4,246	.....
1875	8,56,265	3,751	.....
1876	8,62,202	3,395	.....
1877	9,43,565	4,077	.....
1878	9,84,255	9,233—4,300	.....
1879	10,35,050	3,800	.....
1880	10,18,476	3,244	.....
1881	10,14,139	3,478	.....
1882	10,27,034	3,792	.....
1st Quarter of 1883	2,63,746		
1883-84	11,32,907	3,427	.....
1884-85	12,20,854	3,021	.....
1885-86	13,01,935	4,143	.....
1886-87	12,73,988	1,120	.....
1887-88	13,09,592	4,294	.....
1888-89	13,65,672	3,741	.....
1889-90	13,97,194	1,625	3,897
1890-91	14,89,034	50	5,621
1891-92	15,68,255	2,094	1,198
1892-93	15,70,247	3,506	549
1893-94	16,27,172	* 4,362	3,950
1894-95	16,60,124	3,347	1,805
1895-96	18,41,892	3,392	974
1896 97	18,84,088	5,196	21,304

The payments made during the last year were less by Rs. 7,809 only than those of 1895-96, in which year heavy payments were made in respect of the Umarkhadi and Colaba Drainage Works which were carried on departmentally on account of the Contractors, Messrs. Bulkley and Company. The increase in the amount of savings on account of unpaid wages forfeited under the Limitation Act was due to a large number of workmen employed on the above works not having claimed their wages within the limitation period.

The large increase in the amount of unpaid wages credited to Deposit Account was due to many of the labourers, workmen, &c., having left the city on account of the plague scare.

Cash received	Rs.	1,11,11,012	8 1
„ paid	„	1,09,32,496	15 6
	Rs.	2,20,33,509	7 7
Adjustments	„	65,09,000	2 1
Total	Rs.	2,85,42,509	9 8

The figures in the margin show that the entire transactions of the year together with adjustments, transfers, &c., aggregated nearly Rs. 285½ lakhs against—

Rs.	236 lakhs in	1895-96
„	196½ „	1894-95
„	392½ „	1893-94
„	315½ „	1892-93
„	†1,278 „	1891-92
„	514 „	1890-91
„	383 „	1889-90
„	503½ „	1888-89
„	400½ „	1887-88
„	500 „	1886-87
„	209½ „	1885-86
„	134½ „	1884-85
„	117½ „	1883-84
„	140½ „	15 months ending 31st March 1883.
„	175 „	1881
„	125 „	1880
„	108 „	1879
„	171 „	1878
„	109 „	1877
„	81 „	1876
„	82 „	1875
„	76 „	1874

* Forfeited under the Statute of Limitation.

† Including 963 lakhs on account of Water Works Assets and Liabilities transferred to the Municipal Fund, as explained at page 120 of the Administration Report for 1891-92.

Year.	No. of Certificates.	Amounts paid. Rs.	a.	p.
1873.....	3,186	54,019	15	6
1874.....	4,467	98,489	3	0
1875.....	6,556	1,42,201	1	0
1876.....	7,259	1,83,850	10	0
1877.....	7,987	1,95,729	4	6
1878.....	12,764	2,45,965	10	0
1879.....	16,374	3,00,393	12	0
1880.....	16,031	2,90,350	10	0
1881.....	17,651	5,60,512	14	0
1882.....	15,878	5,66,795	4	0
1st Qr. of 1883....	4,648	1,31,195	12	0
1883-84	16,023	5,74,092	4	0
1884-85	22,573	6,55,095	15	0
1885-86	18,760	6,85,742	10	0
1886-87	23,209	9,19,296	8	0
1887-88	28,435	11,16,161	12	0
1888-89	26,293	8,78,830	8	0
1889-90	22,064	5,85,700	11	0
1890-91	27,891	7,87,958	10	0
1891-92	28,745	11,99,339	8	0
1892-93	28,025	9,68,764	14	0
1893-94	29,931	9,15,889	12	0
1894-95	28,027	7,38,645	12	0
1895-96	29,815	7,76,856	8	0
1896-97	27,701	8,88,600	3	0

The figures given in the margin show the number of Town Duty certificates passed by the Revenue and Refund Officer and the amount of Town Duty refunded by this office. It will be seen that the amount refunded last year was larger than that in the preceding two years owing to the daily returns passed by the Revenue and Refund Audit Officer which formerly remained in arrears from two to three months, having been brought up last year to about three-fourths of a month only.

The number of Receipts and Disbursement Vouchers scrutinized and adjusted by this office during the past year was the largest passed in any of the preceding 20 years, as will be seen from the following figures :—

Year.	No. of Receipt Vouchers.		No. of Disbursement Vouchers.		Total including Journal Vouchers.
1876.....	4,862	+	12,073	=	16,935
1877.....	5,013	+	14,410	=	19,423
1878.....	5,511	+	18,783	=	24,294
1879.....	5,626	+	26,163	=	31,789
1880.....	5,677	+	24,314	=	29,991
1881.....	5,917	+	27,030	=	32,947
Months. {1882 1st Qr. of 1883}	7,839	+	34,085	=	41,924
		or 33,540 proportionately for 12 months.			
1883-84	6,352	+	25,819	=	32,171
1884-85	6,942	+	32,872	=	39,814
1885-86	6,855	+	31,008	=	37,863
1886-87	7,040	+	36,966	=	44,006
1887-88	7,197	+	42,283	=	49,480
1888-89	6,527	+	42,989	=	49,516
1889-90	6,358	+	36,468	=	42,826
1890-91	15,329	+	44,022	=	59,351
1891-92	20,093	+	43,918	=	64,011
1892-93	20,552	+	44,460	=	65,012
1893-94	21,957	+	45,653	=	67,610
1894-95	23,198	+	43,204	=	66,402
1895-96	24,407	+	46,243	=	70,650
1896-97	21,336	+	50,327	=	71,663

20,579 Inward letters (exclusive of 50,327 Vouchers and 25,411 Ward Remittance Reports) were received during the past year. Outward letters (excluding 1,244 intimations sent to Contractors and others to call at this office for receiving payments of their claims) numbered 5,665 against 5,479 in the preceding year.

3½ per cent. Municipal Bonds of the 1st instalment of Rs. 10 lakhs of the 15¾ lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works Loan raised from the Public on 1st December 1896 were issued as under :—

								Rs.
42	Bonds of Rs.	500	each	...	...	...	...	21,000
41	„	„ 1,000	„	...	...	...	...	41,000
7	„	„ 2,000	„	...	...	...	...	14,000
1	„	„ 24,000	„	...	...	...	...	24,000
36	„	„ 25,000	„	...	...	...	...	9,00,000
127							Rs.	10,00,000

I regret I was unable to submit this report earlier, as a large number of Vouchers on account of charges incurred by the Health, Drainage and other Departments in connection with the Plague, which were received at or after the close of the past year, had to be scrutinized and included in the accounts of that year by Journal entries, and as some of the statements of lapsed grants, Reserve Stock returns, &c., were received very late from Heads of Departments.

The work of this Department was considerably increased in consequence of the Plague, and owing to the absence of about 8 trained men from the office on account of illness and other causes. It was with great difficulty and by working before and after office hours that I was able to cope with the exceptionally increased work.

I have to express my thanks to the Acting Deputy Accountant, Mr. Bal Nilaji, for the able, ready and cheerful assistance rendered to me whenever required, and to the other members of the office generally for assisting me in getting through the heavy and responsible work of this Department.

My best thanks are also due to Mr. Ruttonji Furdoonji, the Acting Head Audit Clerk, for the very able and cordial assistance rendered to me in the performance of my duties, and I respectfully trust that the intimate knowledge he possesses of the working of this office will lead to his future advancement in this or any other Department on a suitable opportunity occurring hereafter.

I cannot close this report without expressing my sincere regret for the great and irreparable loss this Department has sustained owing to the untimely and sudden death of Mr. Sorabji Navaroji Cooper, the late most able Chief Accountant of this Municipality, more especially at a very critical time when his advice and assistance to this Department were much required—a loss which will not easily be forgotten by me and also by those who have intimately known him for years.

APPENDICES

TO THE

ACTING CHIEF ACCOUNTANT'S REPORT

FOR 1896-97.

No. 1 A.

BOMBAY 5% MUNICIPAL LOAN OF 1878 (Rs. 26,94,000).

Raised in two equal instalments on 1st November and 1st December 1878 as per Corporation's Resolution No. 1296, dated 10th September 1878, and Government Resolution No. 2951, dated 28th September 1878.

Wholly repayable on 1st January 1919.

STATEMENT showing the Amount of Interest and Principal annually payable in Bombay from December 1878.

	Principal.	Interest.	Total amount of payment on account of Interest.	Debentures repayable.		Total.
				No.	Amount.	
	Rs.	Rs. a. p.	Rs.		Rs.	Rs.
Interest paid up to 31st December 1878 to the Bank of Bengal in advance	26,94,000	16,837 0 0	16,837	...	.....	16,837
Interest for the 1st half of 1879.....	26,94,000	67,350 0 0				
Do. 2nd do. „	26,94,000	67,350 0 0	1,34,700	44	In January 1880 22,000	1,56,700
Do. 1st do. 1880.....	26,72,000	66,800 0 0				
Do. 2nd do. „	26,72,000	66,800 0 0	1,33,600	47	In January 1881 23,500	1,57,100
Do. 1st do. 1881.....	26,48,500	66,212 8 0				
Do. 2nd do. „	26,48,500	66,212 8 0	1,32,425	49	In January 1882 24,500	1,56,925
Do. 1st do. 1882.....	26,24,000	65,600 0 0				
Do. 2nd do. „	26,24,000	65,600 0 0	1,31,200	52	In January 1883 26,000	1,57,200
Do. 1st do. 1883.....	25,98,000	64,950 0 0				
Do. 2nd do. „	25,98,000	64,950 0 0	1,29,900	54	In January 1884 27,000	1,56,900
Do. 1st do. 1884.....	25,71,000	64,275 0 0				
Do. 2nd do. „	25,71,000	64,275 0 0	1,28,550	57	In January 1885 28,500	1,57,050
Do. 1st do. 1885.....	25,42,500	63,562 8 0				
Do. 2nd do. „	25,42,500	63,562 8 0	1,27,125	60	In January 1886 30,000	1,57,125
Do. 1st do. 1886.....	25,12,500	62,812 8 0				
Do. 2nd do. „	25,12,500	62,812 8 0	1,25,625	62	In January 1887 31,000	1,56,625

Interest for the 1st half of 1887			24,81,500	62,037	8	0			
Do.	2nd	do. „	24,81,500	62,037	8	0			
							1,24,075	66	In January 1888 33,000 — 1,57,075
Do.	1st	do. 1888	24,48,500	61,212	8	0			
Do.	2nd	do. „	24,48,500	61,212	8	0			
							1,22,425	70	In January 1889 35,000 — 1,57,425
Do.	1st	do. 1889	24,13,500	60,337	8	0			
Do.	2nd	do. „	24,13,500	60,337	8	0			
							1,20,675	72	In January 1890 * 36,000 — 1,56,675
Do.	1st	do. 1890	23,77,500	59,437	8	0			
Do.	2nd	do. „	23,77,500	59,437	8	0			
							1,18,875	76	In January 1891 38,000 — 1,56,875
Do.	1st	do. 1891	23,39,500	58,487	8	0			
Do.	2nd	do. „	23,39,500	58,487	8	0			
							1,16,975	81	In January 1892 40,500 — 1,57,475
Do.	1st	do. 1892	22,99,000	57,475	0	0			
Do.	2nd	do. „	22,99,000	57,475	0	0			
							1,14,950	84	In January 1893 † 42,000 — 1,56,950
Do.	1st	do. 1893	22,57,000	56,425	0	0			
Do.	2nd	do. „	22,57,000	56,425	0	0			
							1,12,850	88	In January 1894 44,000 — 1,56,850
Do.	1st	do. 1894	22,13,000	55,325	0	0			
Do.	2nd	do. „	22,13,000	55,325	0	0			
							1,10,650	93	In January 1895 46,500 — 1,57,150
Do.	1st	do. 1895	21,66,500	54,162	8	0			
Do.	2nd	do. „	21,66,500	54,162	8	0			
							1,08,325	97	In January 1896 48,500 — 1,56,825
Do.	1st	do. 1896	21,18,000	52,950	0	0			
Do.	2nd	do. „	21,18,000	52,950	0	0			
							1,05,900	102	In January 1897 ‡51,000 — 1,56,900
		Balance on 31st March 1897...Rs	20,67,000						
							22,15,662	1,254	6,27,000 — 28,42,662

* 71 Debentures of the value of Rs. 35,500 were paid off; only one debenture No. 607 for Rs. 500 remained unpaid, as it was not presented for repayment between 1st January 1890, the date on which it became repayable and the close of the past year.

† 83 Debentures of the value of Rs. 41,500 were paid off; only one debenture No. 810 for Rs. 500 remained unpaid, as it was not presented for repayment between 1st January 1893, the date on which it became repayable and the close of the past year.

‡ 80 Debentures of the value of Rs. 40,000 were paid off; twenty-two Debentures bearing Nos. 1153 to 1172, 1246 and 1249 remained unpaid as they were not presented for repayment between 1st January 1897, the date on which they became repayable and the close of the past year.

NOTE.—Rs. 12,000 have, therefore, been renewed to meet these claims during 1897-98 if presented by the holders.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 1 B.

BOMBAY 5% MUNICIPAL DRAINAGE LOAN OF 1878 (Rs. 26,94,000).

STATEMENT showing the Amount of Interest outstanding on 1st April 1896, the Amount payable for the year 1896-97, the Amount paid during that year, and the Balance outstanding on 31st March 1897.

	1883-87.	1888.		1889.		1890.	1891.		1892.		1893.		1894.		1895.		1896.		TOTAL.
	9th to 18th half-years due on 1st July and 1st January.	19th half-year due on 1st July 1888.	20th half-year due on 1st January 1889.	21st half-year due on 1st July 1889.	22nd half-year due on 1st January 1890.	23rd half-year due on 1st July 1890.	24th half-year due on 1st January 1891.	25th half-year due on 1st July 1891.	26th half-year due on 1st January 1892.	27th half-year due on 1st July 1892.	28th half-year due on 1st January 1893.	29th half-year due on 1st July 1893.	30th half-year due on 1st January 1894.	31st half-year due on 1st July 1894.	32nd half-year due on 1st January 1895.	33rd half-year due on 1st July 1895.	34th half-year due on 1st January 1896.	35th half-year due on 1st July 1896.	36th half-year due on 1st January 1897.	
	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs. a.
Outstanding Balance on 1st April 1896 as per Bank's statement	137 8	12 8	12 8	12 8	12 8	..	12 8	12 8	50 0	125 0	137 8	187 8	550 0	825 0	1,712 8	4,550	13,212 8	....	....	21,562 8
Interest payable for the year 1896-97 ..	....	...	..	..	..	..	..	..	..	....	....	....	....	....	....	....	....	52,950	52,950 0	1,05,900 0
Total Rs...	137 8	12 8	12 8	12 8	12 8	..	12 8	12 8	50 0	125 0	137 8	187 8	550 0	825 0	1,712 8	4,550	13,212 8	52,950	52,950 0	1,27,462 8
Payment made in 1896-97 by the Bank of Bombay.....	....	..	..	..	..	..	12 8	12 8	37 8	112 8	112 8	137 8	162 8	412 8	662 8	2,150	9,450 0	47,450	38,212 8	98,925 0
Balance outstanding on 31st March 1897	137 8	12 8	12 8	12 8	12 8	..	..	..	12 8	12 8	25 0	50 0	387 8	412 8	1,050 0	2,400	3,762 8	5,500	14,737 8	28,537 8

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 1 C.

BOMBAY 5 °/₀ MUNICIPAL SANITARY WORKS LOAN OF 1885-86 (Rs. 44,00,000).

Raised between 5th May 1885 and 30th March 1886 as per Corporation's Resolutions Nos. 8021/8-12-81, 905/22-3-82 *and* 438/16-5-83 *and Government Resolutions Nos.* 2669/17-7-82, 384/2-2-83, 3771/19-10-83, 460/4-2-84 *and* 1240/27-4-85. *Wholly repayable on 1st July* 1925.

STATEMENT showing the Amount of Interest and Principal annually payable in Bombay from May 1885.

	Principal.	Interest.	Total amount of payment on account of Interest.	Debentures repayable.		Total.
				No.	Amount.	
Interest from 5th May to 30th June 1885 on Rs. 1,56,000 raised in May and June 1885	Rs.	Rs. a. p. 734 9 10	Rs. a. p.		Rs.	Rs. a. p.
Interest for the 2nd half of 1885	44,00,000	1,10,000 0 0	1,10,734 9 10	.....	.....*	1,10,734 9 10
Do. 1st half of 1886	44,00,000	1,10,000 0 0				
Do. 2nd do. „	43,93,000	1,09,825 0 0	2,19,825 0 0	14	1st July 1886 7,000*	2,26,825 0 0
Do. 1st do. 1887	43,93,000	1,09,825 0 0				
Do. 2nd do. „	39,50,000	98,750 0 0	2,08,575 0 0	886	1st July 1887 4,43,000*	6,51,575 0 0
Do. 1st do. 1888	39,50,000	98,750 0 0				
Do. 2nd do. „	39,50,000	98,750 0 0	1,97,500 0 0	.....	.....*	1,97,500 0 0
Do. 1st do. 1889	39,50,000	98,750 0 0				
Do. 2nd do. „	39,50,000	98,750 0 0	1,97,500 0 0	.....	.....*	1,97,500 0 0
Do. 1st do. 1890	39,50,000	98,750 0 0				
Do. 2nd do. „	38,99,000	97,475 0 0	1,96,225 0 0	102	1st July 1890 51,000*	2,47,225 0 0
Do. 1st do. 1891	38,99,000	97,475 0 0				
Do. 2nd do. „	38,99,000	97,475 0 0	1,94,950 0 0	.....	.....*	1,94,950 0 0
Do. 1st do. 1892	38,99,000	97,475 0 0				
Do. 2nd do. „	38,99,000	97,475 0 0	1,94,950 0 0	.....	.....*	1,94,950 0 0
Do. 1st do. 1893	38,99,000	97,475 0 0				
Do. 2nd do. „	38,99,000	97,475 0 0	1,94,950 0 0	.....	.....*	1,94,950 0 0
Do. 1st do. 1894	38,99,000	97,475 0 0				
Do. 2nd do. „	38,99,000	97,475 0 0	1,94,950 0 0	.....	.....*	1,94,950 0 0
Do. 1st do. 1895	38,99,000	97,475 0 0			1st July 1895 1,60,000*	3,50,950 0 0
Do. 2nd do. „	37,39,000	93,475 0 0	1,90,950 0 0	320		
Do. 1st do. 1896	37,39,000	93,475 0 0				
Do. 2nd do. „	37,39,000	93,475 0 0	1,86,950 0 0	.....	.....*	1,86,950 0 0
Balance on 31st March 1896.....Rs.	37,39,000		22,88,059 9 10	1,322	6,61,000	29,49,059 9 10

* The Sinking Fund up to 1896-97 on account of this Loan, amounting to Rs. 5,04,167-5-11, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 119.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 1 D.

BOMBAY 5% MUNICIPAL SANITARY WORKS LOAN OF 1885-86 (Rs. 44,00,000).

STATEMENT showing the Amount of Interest outstanding on 1st April 1896, the Amount payable for the year 1896-97, the Amount paid during that year, and the Balance outstanding on 31st March 1897.

	1886-87.	1888.		1889.		1890.		1891.		1892.		1893.		1894.		1895.		1896.		TOTAL.
	2nd to 5th half-years due on 1st July and 1st January.	6th half-year due on 1st July 1888.	7th half-year due on 1st January 1889.	8th half-year due on 1st July 1889.	9th half-year due on 1st Jan. 1890.	10th half-year due on 1st July 1890.	11th half-year due on 1st Jan. 1891.	12th half-year due on 1st July 1891.	13th half-year due on 1st Jan. 1892.	14th half-year due on 1st July 1892.	15th half-year due on 1st Jan. 1893.	16th half-year due on 1st July 1893.	17th half-year due on 1st Jan. 1894.	18th half-year due on 1st July 1894.	19th half-year due on 1st Jan. 1895.	20th half-year due on 1st July 1895.	21st half-year due on 1st Jan. 1896.	22nd half-year due on 1st July 1896.	23rd half-year due on 1st Jan. 1897.	
	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs.	Rs.	Rs. a.
Outstanding Balance on 1st April 1896 as per Bank's statement	50	12 8	12 8	12 8	62 8	62 8	162 8	162 8	437 8	612 8	675 0	1,150	1,375 0	1,712 8	2,362 8	4,625	11,125 0	..	..	24,612 8
Interest payable for the year 1896-97 ..	...	..	..	..	..	..	..	..	..	..	..	..	....	....	....	....	....	93,475	93,475	186,950 0
Total..Rs.	50	12 8	12 8	12 8	62 8	62 8	162 8	162 8	437 8	612 8	675 0	1,150	1,375 0	1,712 8	2,362 8	4,625	11,125 0	93,475	93,475	211,562 8
Payment made in 1896-97 by the Bank of Bombay...	....	..	..	..	..	..	12 8	12 8	37 8	175 0	187 8	650	687 8	700 0	1,162 8	3,075	7,887 8	86,700	76,425	177,712 8
Outstanding Balance on 31st March 1897	50	12 8	12 8	12 8	62 8	62 8	150 0	150 0	400 0	437 8	487 8	500	687 8	1,012 8	1,200 0	1,550	3,237 8	6,775	17,050	38,850 0

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 1 E.

BOMBAY 5% MUNICIPAL DRAINAGE AND WATER WORKS LOAN OF 12 LAKHS.*

Raised in two equal instalments on 1st January and 1st July 1888 *as per Corporation's Resolutions Nos.* 894 *and* 1145, *dated* 28*th July and* 8*th September* 1887, *respectively, and Government Resolution No.* 873, *dated* 16*th March* 1888. *Repayable on 1st January* 1928.

STATEMENT showing the Amount of Interest outstanding on 1st April 1896, the Amount payable for the year 1896-97, the Amount paid during that year, and the Balance outstanding on 31st March 1897.

	1894.		1895.		1896.		Total.
	13th Half-year due on 1st July 1894.	14th Half-year due on 1st Jan. 1895.	15th Half-year due on 1st July 1895.	16th Half-year due on 1st Jan. 1896.	17th Half-year due on 1st July 1896.	18th Half-year due on 1st Jan. 1897.	
	Rs. a. p.	Rs. a. p.	Rs.	Rs. a. p.	Rs.	Rs.	Rs. a. p.
Outstanding Balance on 1st April 1896 as per Bank's Statement	187 8 0	262 8 0	375	10,887 8 0	.....	.....	11,712 8 0
Interest payable for the year 1896-97...	.....	.....	.....	.....	30,000	30,000	60,000 0 0
Total...Rs.	187 8 0	262 8 0	375	10,887 8 0	30,000	30,000	71,712 8 0
Payment made in 1896-97 by the Bank of Bombay	100 0 0	175 0 0	250	10,587 8 0	28,275	11,325	50,712 8 0
Balance outstanding on 31st March 1897...Rs.	87 8 0	87 8 0	125	300 0 0	1,725	18,675	21,000 0 0

* The Sinking Fund up to 1896-97 on account of this Loan, amounting to Rs. 1,19,687-5-5, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 119.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 1 F.

BOMBAY 5% MUNICIPAL SANITARY WORKS LOAN OF 1888 (Rs. 7,00,000).*

Raised on 1st February 1888 *as per Corporation's Resolution No.* 991, *dated 13th October* 1886, *and Government Resolution No.* 1427, *dated 4th May* 1888.

Repayable on the 1st February 1928.

STATEMENT showing the Amount of Interest outstanding on 1st April 1896, the Amount payable for the year 1896-97, the Amount paid during that year, and the Balance outstanding on 31st March 1897.

	1892.		1893.		1894.		1895.		1896.		Total.
	9th Half-year due on 1st August 1892.	10th Half-year due on 1st Feb. 1893.	11th Half-year due on 1st Aug. 1893.	12th Half-year due on 1st Feb. 1894.	13th Half-year due on 1st Aug. 1894.	14th Half-year due on 1st Feb. 1895.	15th Half-year due on 1st Aug. 1895.	16th Half-year due on 1st Feb. 1896.	17th Half-year due on 1st Aug. 1896.	18th Half-year due on 1st Feb. 1897.	
	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a. p.
Outstanding Balance on 1st April 1896 as per Bank's Statement	62 8	62 8	62 8	62 8	1,062 8	1,087 8	1,225 0	8,062 8	.....	.....	11,687 8 0
Interest payable for the year 1896-97	...	...	...	.....	.....	.....	.....	.....	17,500 0	17,500	35,000 0 0
Total...Rs.	62 8	62 8	62 8	62 8	1,062 8	1,087 8	1,225 0	8,062 8	17,500 0	17,500	46,687 8 0
Payment made in 1896-97 by the Bank of Bombay..	62 8	62 8	62 8	62 8	62 8	75 0	212 8	6,312 8	15,237 8	9,925	32,075 0 0
Balance outstanding on 31st March 1897...Rs.	...	...	...	.....	1,000 0	1,012 8	1,012 8	1,750 0	2,262 8	7,575	14,612 8 0

* The Sinking Fund up to 1896-97 on account of this Loan, amounting to Rs. 65,964-13-4, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 119.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 1 G.

BOMBAY 5 % MUNICIPAL TANSA LOAN OF Rs. 147 LAKHS.*

† *Raised between 5th June* 1886 *and 24th December* 1891 *as per Corporation's Resolutions Nos.* 1313/13-11-85 *and* 345/9-4-91, *and Government Resolutions Nos.* 561/12-2-86, 1008/16-3-86, 1930/31-5-86, 2876/21-9-87, 3978/21-7-88, 4193/8-10-89, 3392/23-8-90 *and* 3262-63/15-9-91 *.*

Repayable between 1st January 1928 *and 1st January* 1953.

STATEMENT showing the Amount of Interest outstanding on 1st April 1896, the Amount payable for the year 1896-97, the Amount paid during that year, and the Balance outstanding on 31st March 1897.

	1890.		1891.		1892.		1893.		1894.		1895.		1896.		TOTAL.
	8th half-year due on 1st April 1890.	9th half-year due on 1st October 1890.	10th half-year due on 1st April 1891.	11th half-year due on 1st October 1891.	12th half-year due on 1st April 1892.	13th half-year due on 1st October 1892.	14th half-year due on 1st April 1893.	15th half-year due on 1st October 1893.	16th half-year due on 1st April 1894.	17th half-year due on 1st October 1894.	18th half-year due on 1st April 1895.	19th half-year due on 1st October 1895.	20th half-year due on 1st April 1896.	21st half-year due on 1st October 1896.	
	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a. p.
Outstanding Balance on 1st April 1896 as per Bank's statement ..	12 8	25	37 8	50	162 8	637 8	1,437 8	1,650 0	2,512 8	4,200	12,337 8	36,787 8	....	....	59,900 0 0
Interest payable for the year 1896-97	..	..	..	..	..	..	....	....	....	..	....	....	3,67,500	3,67,500 0	7,35,000 0 0
Total ..Rs.	12 8	25	37 8	50	162 8	637 8	1,437 8	1,650 0	2,512 8	4,200	12,337 8	36,787 8	3,67,500	3,67,500 0	7,94,900 0 0
Payment made in 1896-97 by the Bank of Bombay	..	..	..	..	..	62 8	525 0	612 8	1,162 8	2,550	8,875 0	32,312 8	3,49,550	3,11,712 8	7,07,362 8 0
Balance outstanding on 31st March 1897 .. .. Rs.	12 8	25	37 8	50	162 8	625 0	912 8	1,037 8	1,350 0	1,650	3,462 8	4,475 0	17,950	55,787 8	87,537 8 0

* The Sinking Fund up to 1896-97 on account of this Loan, amounting to Rs. 2,32,843-7-9, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 119.

† 1st Instalment of Rs. 17 lakhs raised between 5th June and 25th October 1886.
2nd do. „ 30 do. 10th August and 30th December 1887.
3rd do. „ 25 do. 11th January and 15th November 1888.
4th do. „ 25 do. 2nd November 1889 and 15th January 1890.
5th do. „ 25 do. 29th August and 24th September 1890.
6th do. „ 25 do. on 24th December 1891.

Rs. 147 lakhs.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 1 H.

BOMBAY 5% MUNICIPAL LOAN OF Rs. 10,08,500*
FOR MISCELLANEOUS WORKS.
(Drainage, Water Works, Markets and Roads.)

Raised between 1st *November* 1888 *and* 1st *July* 1889 *as per Corporation's Resolution No.* 29, *dated* 4th *April* 1888, *and Government Resolution No.* 4138, *dated* 24th *November* 1888.

Repayable on 1st *October* 1928.

STATEMENT showing the Amount of Interest outstanding on 1st April 1896, the Amount payable for the year 1896-97, the Amount paid during that year, and the Balance outstanding on 31st March 1897.

	1895.	1896.		Total.
	13th Half-year due on 1st October 1895.	14th Half-year due on 1st April 1896.	15th Half-year due on 1st October 1896.	
	Rs.	Rs. a. p.	Rs. a. p.	Rs.
Outstanding Balance on 1st April 1896 as per Bank's Statement ...	375	.....	.....	375
Interest payable for the year 1896-97	.....	25,212 8 0	25,212 8 0	50,425
Total...Rs...	375	25,212 8 0	25,212 8 0	50,800
Payment made in 1896-97 by the Bank of Bombay	125	24,962 8 0	24,712 8 0	49,800
Balance outstanding on 31st March 1897...Rs.	250	250 0 0	500 0 0	1,000

* The Sinking Fund up to 1896-97 on account of this Loan, amounting to Rs. 82,716-1-0, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 119.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 11.

BOMBAY 5% MUNICIPAL AGRIPADA HOUSE SULLAGE WATER CONNECTIONS LOAN OF Rs. 2,48,000.*

Raised between 1st January and 1st July 1890, *as per Corporation's Resolution No.* 4688, *dated 8th October* 1888, *and Government Resolution No.* 17, *dated 3rd January* 1890.

Repayable on 1st July 1929.

STATEMENT showing the Amount of Interest payable for the year 1896-97, the Amount paid during that year, and the Balance outstanding on 31st March 1897.

	1896.		Total.
	13th Half-year due on 1st July 1896.	14th Half-year due on 1st January 1897.	
	Rs.	Rs.	Rs.
Interest payable for the year 1896-97	6,200	6,200	12,400
Payment made in 1896-97 by the Bank of Bombay	6,200	6,175	12,375
Balance outstanding on 31st March 1897 ...	.....	25	25

* The Sinking Fund up to 1896-97 on account of this Loan, amounting to Rs. 19,541-9-5, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 119.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 1 J.

BOMBAY 5% MUNICIPAL 35 LAKHS VARIOUS SANITARY WORKS LOAN OF 1890.*

Raised between 25th September 1890 *and 1st January* 1892 *as per Corporation's Resolutions Nos.* 29 (4-4-88), 5293 (10-11-88), 5605 (7-1-89), 572 (13-5-89), 5152 (25-11-89), 6235 (23-1-90), 438 (17-4-90), *and* 1488 (22-5-90) *and Government Resolution No.* 3392, *dated 23rd August* 1890.

Repayable on 1st July 1930.

STATEMENT showing the Amount of Interest outstanding on 1st April 1896, the Amount payable for the year 1896-97, the Amount paid during that year, and the Balance outstanding on 31st March 1897.

	1891.	1892.		1893.		1894.		1895.		1896.		Total.
	2nd Half-year due on 1st January 1892.	3rd Half-year due on 1st July 1892.	4th Half-year due on 1st January 1893.	5th Half-year due on 1st July 1893.	6th Half-year due on 1st January 1894.	7th Half-year due on 1st July 1894.	8th Half-year due on 1st January 1895.	9th Half-year due on 1st July 1895.	10th Half-year due on 1st January 1896.	11th Half-year due on 1st July 1896.	12th Half-year due on 1st January 1897.	
	Rs. a. p.	Rs. a.	Rs. a. p.	Rs.	Rs. a. p.	Rs. a.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.
Outstanding Balance on 1st April 1896, as per Bank's Statement	37 8 0	37 8	637 8 0	700	762 8 0	850 0	4,237 8 0	6,012 8 0	24,037 8 0	...	...	37,312 8 0
Interest payable for the year 1896-97	...	...	...	...	...	...	...	...	...	87,500	87,500 0 0	1,75,000 0 0
Total... Rs.	37 8 0	37 8	637 8 0	700	762 8 0	850 0	4,237 8 0	6,012 8 0	24,037 8 0	87,500	87,500 0 0	2,12,312 8 0
Payment made in 1896-97 by the Bank of Bombay ...	...	...	600 0 0	600	625 0 0	712 8	4,050 0 0	5,725 0 0	21,112 8 0	82,525	64,187 8 0	1,80,137 8 0
Balance outstanding on 31st March 1897 ... ...Rs.	37 8 0	37 8	37 8 0	100	137 8 0	137 8	187 8 0	287 8 0	2,925 0 0	4,975	23,312 8 0	32,175 0 0

*The Sinking Fund up to 1896-97 on account of this Loan, amounting to Rs. 2,01,058-2-10, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 119.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 1 K.

BOMBAY 5% MUNICIPAL BUILDING LOAN OF 8 LAKHS OF 1891-92.*

Raised on 24th December 1891, *as per Corporation's Resolution No.* 11551, *dated 9th February* 1891, *and Government Resolution No.* 3262, *dated 15th September* 1891.

Repayable on 1st July 1931.

STATEMENT showing the amount of Interest payable for the year 1896-97, the amount paid during that year, and the Balance outstanding on 31st March 1897.

	1896.		Total.
	9th Half-year due on 1st July 1896.	10th Half-year due on 1st Jan. 1897.	
	Rs.	Rs.	Rs.
Interest payable for the year 1896-97	20,000	20,000	40,000
Payment made in 1896-97 by the Bank of Bombay	20,000	20,000	40,000
Balance outstanding on 31st March 1897...	.....	.....	.....

* The Sinking Fund up to 1896-97 on account of this Loan, amounting to Rs. 39,540-12-0, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 119.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 1 L.

BOMBAY 4% MUNICIPAL LOAN OF 4½ LAKHS FOR FIRE BRIGADE QUARTERS AND STATIONS.*

First Instalment of Rs. 2,50,000 *raised on* 23*rd December* 1892 *and second Instalment of Rs.* 2,00,000 *raised on* 30*th November and* 1*st December* 1893, *as per Corporation's Resolution No.* 5144, *dated* 8*th August* 1892, *and Government Resolution No.* 2501, *dated* 14*th June* 1892.

Repayable on 1*st January* 1923.

STATEMENT showing the amount of Interest outstanding on 1st April 1896, the amount payable for the year 1896-97, the amount paid during that year, and the Balance outstanding on 31st March 1897.

	1893.	1894.		1895.		1896.		Total.
	2nd Half-year due on 1st Jan. 1894.	3rd Half-year due on 1st July 1894.	4th Half-year due on 1st Jan. 1895.	5th Half-year due on 1st July 1895.	6th Half-year due on 1st Jan. 1896.	7th Half-year due on 1st July 1896.	8th Half-year due on 1st January 1897.	
	Rs. a. p.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. a. p.
Outstanding Balance on 1st April 1896 as per Bank's statement	10 9 8	60	100	580	1,240	...	...	1,990 9 8
Interest payable for the year 1896-97	.....	...	...	...	...	9,000	9,000	18,000 0 0
Total Rs. ...	10 9 8	60	100	580	1,240	9,000	9,000	19,990 9 8
Payment made in 1896-97 by the Bank of Bombay ...	8 12 3	50	80	260	840	8,530	7,570	17,338 12 3
Balance outstanding on 31st March 1897... ... Rs.	1 13 5	10	20	320	400	470	1,430	2,651 13 5

* The Sinking Fund up to 1896-97 on account of this Loan, amounting to Rs. 34,397-1-2, including interest accumulations, has been deposited with the Bank of Bombay in 4 per cent. Municipal Debentures, &c.—*Vide* page 119.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 1 M.

BOMBAY 4% MUNICIPAL LOAN OF 42 LAKHS FOR REPAYMENT OF BALANCE OF GOVERNMENT CONSOLIDATED LOAN.*

Raised on 28th and 29th June 1893 *as per Corporation's Resolution No.* 13956 *of 23rd March* 1893, *and Government Resolution No.* 1989 *of 6th June* 1893 (*General Department*).
Repayable on 1st July 1923.

STATEMENT showing the amount of interest outstanding on 1st April 1896, the amount payable for the year 1896-97, the amount paid during that year, and the balance outstanding on 31st March 1897.

	1893.	1894.		1895.		1896.		Total.
	1st Half-year due on 1st January 1894.	2nd Half-year due on 1st July 1894.	3rd Half-year due on 1st January 1895.	4th Half-year due on 1st July 1895.	5th Half-year due on 1st January 1896.	6th Half-year due on 1st July 1896.	7th Half-year due on 1st January 1897.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Outstanding Balance on 1st April 1896 as per Bank's statement	600	880	1,410	2,040	10,090	...	...	15,020
Interest payable for the year 1896-97 ...	...	...	...	...	...	84,000	84,000	1,68,000
Total Rs. ...	600	880	1,410	2,040	10,090	84,000	84,000	1,83,020
Payment made in 1896-97 by the Bank of Bombay	300	310	510	830	8,140	80,090	63,890	1,54,070
Balance outstanding on 31st March 1897 Rs.	300	570	900	1,210	1,950	3,910	20,110	28,950

* The Sinking Fund up to 1896-97 on account of this Loan, amounting to Rs. 2,40,396-10-4, including interest accumulations, has been deposited with the Bank of Bombay in 4 per cent. Municipal Debentures, &c.—*Vide* page 119.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 1 N.

BOMBAY 4% MUNICIPAL LOAN OF 23¼ LAKHS FOR THE CONSTRUCTION OF DRAINAGE AND WATER WORKS, ROADS AND OTHER WORKS.*

1st instalment of Rs. 13 *lakhs raised between* 12*th and* 31*st January* 1894, *and 2nd instalment of Rs.* 10¼ *lakhs raised between* 11*th and* 15*th July* 1895, *as per Corporation's Resolution No.* 6222, *dated* 28*th September* 1893, *and Government Resolutions Nos.* $\frac{809}{3\text{-}3\text{-}94}$ *and* $\frac{3764}{8\text{-}10\text{-}94}$ (*General Department*).

Repayable on 1*st July* 1935:

STATEMENT showing the amount of interest outstanding on 1st April 1896, the amount payable for the year 1896-97, the amount paid during that year and the balance outstanding on 31st March 1897.

	1894.		1895.		1896.		Total.
	Broken periods interest due on 1st July 1894.	1st Half-year due on 1st Jan. 1895.	2nd Half-year due on 1st July 1895.	3rd Half-year due on 1st January 1896.	4th Half-year due on 1st July 1896.	5th Half-year due on 1st Jan. 1897.	
	Rs. a. p.	Rs.	Rs.	Rs. a. p.	Rs.	Rs.	Rs. a. p.
Outstanding balance on 1st April 1896 as per Bank's statement	93 2 10	150	1,660	9,960 0 0	.....	.....	11,863 2 10
Interest payable for the year 1896-97 ...	.....	.....	.....	.....	46,500	46,500	93,000 0 0
Total Rs. ...	93 2 10	150	1,660	9,960 0 0	46,500	46,500	1,04,863 2 10
Payment made in 1896-97 by the Bank of Bombay	.....	.....	1,400	9,070 14 5	42,220	31,020	83,710 14 5
Balance outstanding on 31st March 1897 ...	93 2 10	150	260	889 1 7	4,280	15,480	21,152 4 5

* The Sinking Fund Instalment on account of this Loan for 1896-97 amounting to Rs. 25,395-11-6 including interest accumulations has been deposited with the Bank of Bombay in 4 per cent. Municipal Debentures, &c.—*Vide* page 119.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 1-O.

BOMBAY MUNICIPAL 3½% LOAN OF 15¾ LAKHS FOR SEWERAGE, WARI BUNDER, &c., ROADS, BURIAL GROUND AND CERTAIN WATER WORKS.*

First Instalment of Rs. 10 *Lakhs raised on* 1st *December* 1896, *as per Corporation's Resolutions Nos.* $\frac{504}{12\text{-}4\text{-}94}$, $\frac{13607}{7\text{-}3\text{-}95}$ *and* $\frac{8992}{7\text{-}11\text{-}95}$ *and Government Resolutions Nos.* $\frac{3501}{22\text{-}8\text{-}95}$ *and* $\frac{883}{22\text{-}2\text{-}96}$ (*General Department*).

STATEMENT showing the amount of Interest payable for the year 1896-97, the amount paid during that year, and the Balance outstanding on 31st March 1897.

	Amount. Rs. a. p.
Interest on Rs. 10,00,000 payable from 1st to 31st December 1896	2,964 7 8
Payment made in 1896-97 by the Bank of Bombay	29 10 3
Balance outstanding on 31st March 1897 ...	Rs. 2,934 13 5

* The Sinking Fund Instalment on account of this Loan became due on 1st July 1897 as per conditions of the Loan.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 2.

STATEMENT showing the Quantity and Value of several Articles upon which Town Duty was levied during 1896-97 under Section 192 (1) of "The City of Bombay Municipal Act, 1888."

Duty Collected by		Grain and Pulse at 2 Annas per Candy.		Flour at 1 Anna and 6 Pies per Candy.		Wines and Spirits at 4 Annas per Gallon.		Beer at 6 Pies per Gallon.		Sugar at 8 Annas per Cwt.		Ghee at 8 Annas per Maund.		Timber at 2½ per Cent.		Firewood at 1 Anna per Candy.		Total Monthly Collections.
		Candies and Furrahs.	Amount of Duty.	Candies and Furrahs.	Amount of Duty.	Gallons and Pints.	Amount of Duty.	Gallons and Pints.	Amount of Duty.	Cwt. qrs. lbs.	Amount of Duty.	Maunds and Seers.	Amount of Duty.	Value.	Amount of Duty.	Candies and Maunds.	Amount of Duty.	
The Traffic Manager, Port Trust Bundars.			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
April	1896	77,909 2	9,738 10 6	5 0	0 7 6	70,391 6	17,597 15 2	63,065 4	1,970 12 9	1,31,631 0 14	65,815 9 0	3,733 25	1,866 13 0	5,16,838 8 0	12,920 15 5	99,333 7	6,208 5 3	1,16,119 8 7
May	,,	44,700 2	5,587 8 6	0 5	0 1 0	76,445 2	19,111 5 0	33,902 4	1,059 7 3	1,27,237 1 14	63,618 14 0	5,496 5	2,748 1 0	2,58,612 14 8	6,465 5 2	55,642 14	3,477 10 6	1,02,068 1 5
June	,,	51,698 2	6,462 4 6	.....	.....	68,897 1	17,224 4 7	44,405 4	1,387 10 9	93,506 3 7	46,753 6 6	3,581 5	1,765 9 0	2,25,686 14 0	5,642 2 9	1,272 14	79 8 6	79,314 14 7
July	,,	29,979 7	3,747 7 9	.....	.....	78,686 4	19,671 9 10	44,199 0	1,381 3 6	69,734 2 14	34,867 5 0	2,825 10	1,412 10 0	4,18,855 0 0	10,471 6 0	156 14	9 12 6	71,561 6 7
August	,,	68,038 1	8,504 12 3	12 5	1 3 0	63,786 5	15,946 10 4	63,873 4	1,996 0 9	60,227 2 7	30,113 12 6	1,106 35	553 7 0	4,00,390 3 4	10,009 12 1	92 7	5 12 3	67,131 6 2
September	,,	51,393 7	6,486 11 9	0 5	0 1 0	69,649 6	17,412 7 3	70,684 0	2,208 14 0	88,001 2 14	44,000 13 0	1,398 25	699 5 0	1,28,366 0 8	3,209 2 5	3,181 21	198 13 9	74,216 4 2
October	,,	63,633 6	7,954 3 6	.....	.....	71,693 6	17,923 7 0	75,114 0	2,347 5 0	1,29,925 1 0	64,962 10 0	1,284 2	642 0 6	5,40,584 2 8	13,514 9 8	30,282 21	1,892 10 9	1,09,286 14 5
November	,,	67,675 7	8,459 7 9	.....	.....	72,528 3	18,132 1 3	80,247 4	2,507 11 9	2,12,368 2 14	1,06,184 5 0	291 25	145 13 0	4,44,435 6 8	11,110 14 2	30,936 14	1,933 8 6	1,48,478 13 5
December	,,	2,77,714 1	34,714 4 3	.....	.....	90,961 1	20,240 4 4	97,400 5	3,043 12 4	2,31,942 1 14	1,15,971 3 0	759 15	379 11 0	3,97,827 14 8	9,945 11 2	35,131 7	2,195 11 3	1,86,490 9 4
January	1897	80,212 1	10,026 8 3	.....	.....	71,431 4	17,857 14 3	1,08,611 0	3,394 1 6	93,432 3 0	46,716 6 0	127 5	63 9 0	3,10,336 4 0	7,758 6 6	29,482 7	1,842 10 3	87,659 7 9
February	,,	82,045 1	10,255 10 3	.....	.....	62,922 1	15,730 8 5	89,096 3	2,784 4 2	29,412 1 0	14,706 2 0	190 5	95 1 0	3,00,333 8 8	7,508 5 5	26,651 14	1,665 11 6	52,745 10 9
March	,,	1,34,879 7	16,859 15 9	3 0	0 4 6	74,342 4	18,585 10 0	74,502 0	2,328 3 0	2,07,676 2 21	1,03,838 5 6	344 25	172 5 0	2,45,568 8 8	6,139 3 5	29,486 0	1,842 14 0	1,49,786 13 2
Total...		10,30,380 4	1,28,797 9 0	21 7	2 1 0	8,61,736 3	2,15,434 1 5	8,45,101 4	26,409 6 9	14,75,097 0 7	7,37,548 8 6	21,088 22	10,544 4 6	41,87,835 6 0	1,04,695 14 2	3,41,649 0	21,353 1 0	12,44,784 14 4
G. I. P. Railway Company.																		
April	1896	1,09,557 0	13,694 10 0	2 0	0 3 0	24 0	6 0 0	76 0	2 6 0	6,873 1 14	3,436 11 0	19,137 5	9,568 9 0	2,507 8 0	62 11 0	12,017 0	751 1 0	27,522 3 0
May	,,	1,29,826 4	16,228 5 0	2 6	0 4 0	38 0	9 8 0	160 0	5 0 0	6,769 0 14	3,384 9 0	28,670 35	14,335 7 0	1,940 0 0	48 8 0	12,941 0	808 13 0	34,820 6 0
June	,,	40,004 4	5,000 9 0	.....	.....	27 0	6 12 0	1,188 0	37 2 0	6,738 2 14	3,369 5 0	14,495 19	7,247 11 9	480 0 0	12 0 0	5,960 0	372 8 0	16,045 15 9
July	,,	24,381 4	3,047 11 0	.....	.....	6 0	1 8 0	344 0	10 12 0	4,105 3 0	2,052 14 0	15,257 20	7,628 12 0	850 0 0	21 4 0	390 0	24 6 0	12,787 3 0
August	,,	47,668 4	5,958 9 0	.....	.....	194 0	48 8 0	676 0	21 2 0	7,912 3 0	3,956 6 0	22,416 15	11,208 3 0	600 0 0	15 0 0	1,626 0	101 10 0	21,309 6 0
September	,,	42,354 0	5,294 4 0	.....	.....	18 4	4 10 0	654 0	20 7 0	4,521 0 14	2,260 9 0	25,915 13	12,957 10 6	2,200 0 0	55 0 0	10,443 0	652 11 0	21,245 3 6
October	,,	38,787 0	4,848 6 0	.....	.....	12 0	3 0 0	1,496 0	46 12 0	5,593 3 14	2,796 15 0	31,400 25	15,700 5 0	865 0 0	21 10 0	7,474 0	467 2 0	23,884 2 0
November	,,	7,180 4	897 9 0	.....	.....	38 0	9 8 0	1,168 0	36 8 0	3,908 1 14	1,954 3 0	22,455 27	11,227 13 6	605 0 0	15 2 0	4,253 0	265 13 0	14,406 8 6
December	,,	5,853 4	731 11 0	.....	.....	38 0	9 8 0	1,322 0	41 5 0	3,117 1 0	1,558 10 0	37,561 3	18,780 8 6	2,065 0 0	51 10 0	10,471 0	654 7 0	21,827 14 6
January	1897	3,313 4	414 8 0	2 0	0 3 0	42 0	10 8 0	350 0	10 15 0	4,067 2 0	2,033 12 0	10,849 12	5,424 10 6	1,535 0 0	38 6 0	3,592 0	224 8 0	8,156 14 6
February	,,	8,147 4	1,018 7 0	.....	.....	8 0	2 0 0	632 0	19 12 0	3,494 1 0	1,747 2 0	20,635 15	10,317 11 0	150 0 0	3 12 0	4,006 0	250 6 0	13,359 2 0
March	,,	4,979 0	622 6 0	.....	.....	40 0	10 0 0	606 0	18 15 0	5,586 2 14	2,793 5 0	13,956 35	6,978 7 0	440 0 0	11 0 0	4,847 0	302 15 0	10,737 1 0
				0 5	0 1 0													
Total...		4,62,053 0	57,756 10 0	[illegible]3	0 11 0	485 4	121 6 0	8,672 0	271 0 0	62,688 2 14	31,344 5 0	2,62,751 24	1,31,375 12 9	14,237 8 0	355 15 0	78,020 0	4,876 4 0	2,26,101 15 9

April	1896	36,936 0	4,617 0 0	.....	.....	91 4	22 14 0	.....	.....	12 1 0	6 2 0	2,231 0	1,115 8 0	.....	.....	1,814 0	113 6 0	5,374 14 0
May	„	62,719 4	7,839 15 0	.....	.....	64 4	16 2 0	.....	.....	11 3 0	5 14 0	359 20	179 12 0	20 0 0	0 8 0	833 0	52 1 0	8,094 4 0
June	„	29,663 0	3,707 14 0	.....	.....	35 4	21 6 0	.....	.....	15 2 0	7 12 0	5,929 30	2,964 14 0	40 0 0	1 0 0	501 0	31 5 0	6,734 3 0
July	„	7,523 4	940 7 0	.....	.....	51 4	12 14 0	.....	.....	.....	.....	4,197 20	2,098 12 0	.....	.....	204 0	12 12 0	3,064 13 0
August	„	6,816 4	852 1 0	.....	.....	85 0	21 4 0	.....	.....	.....	.....	11,939 0	5,969 8 0	.....	.....	612 0	38 4 0	6,881 1 0
September	„	6,482 0	810 4 0	.....	.....	102 6	25 11 0	.....	.....	.....	.....	10,940 10	5,470 2 0	.....	.....	1,088 0	68 0 0	6,374 1 0
October	„	5,461 0	682 10 0	.....	.....	61 4	15 6 0	.....	.....	.....	.....	12,844 10	6,422 2 0	.....	.....	134 0	8 6 0	7,128 8 0
November	„	3,854 0	481 12 0	.....	.....	87 4	21 14 0	.....	.....	3 0 0	1 8 0	4,426 30	2,213 6 0	.....	.....	228 0	14 4 0	2,782 12 0
December	„	3,273 4	409 8 0	.....	.....	63 2	15 13 0	.....	.....	3 0 0	1 8 0	9,264 30	4,632 6 0	.....	.....	554 0	34 10 0	5,093 8 0
January	1897	806 4	100 13 0	.....	.....	26 4	6 10 0	.....	.....	5 2 0	2 12 0	2,594 20	1,297 4 0	.....	.....	89 0	5 9 0	1,413 0 0
February	„	1,997 0	249 10 0	.....	.....	84 2	8 9 0	.....	.....	3 1 0	1 10 0	7,104 0	3,552 0 0	.....	.....	112 0	7 0 0	3,818 13 0
March	„	4,425 4	553 3 0	225 3	21 2 0	29 0	7 4 0	.....	.....	0 2 0	0 4 0	3,459 10	1,729 10 0	.....	.....	48 0	3 0 0	2,314 7 0
Total..		1,69,958 0	21,244 12 0	225 3	21 2 0	782 6	195 11 0	.....	.....	54 3 0	27 6 0	75,290 20	37,645 4 0	60 0 0	1 8 0	6,217 0	388 9 0	59,524 4 0
GRAND TOTAL...		16,62,391 4	2,07,798 15 0	254 5	23 14 0	8,63,004 5	2,15,751 2 5	8,53,773 4	26,680 6 9	15,37,840 1 21	7,68,920 3 6	3,59,180 26	1,79,565 5 3	42,02,132 14 0	1,05,053 5 2	4,25,886 0	26,617 14 0	15,30,411 2 1
Deduct— Refunds passed by the Revenue and Refund Audit Officer.....		5,95,810 0	74,476 4 0	95,130 0	8,918 7 0	65,763 4	16,440 14 0	5,61,060 0	17,533 2 0	12,18,651 0 14	6,09,325 9 0	88,909 0	44,454 8 0	6,24,892 8 0	15,622 5 0	.....	.....	7,86,771 1 0
Net Revenue.....		10,66,581 4	1,33,322 11 0	.....	.....	7,97,241 1	1,99,310 4 5	2,92,713 4	9,147 4 9	3,19,189 1 7	1,59,594 10 6	2,70,221 26	1,35,110 13 3	35,77,240 6*0	89,431 0 2	4,25,886 0	26,617 14 0	7,52,534 10 1
Less— Refunds passed in excess of collections		.....	.....	94,875 3	8,894 9 0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,894 9 0
																	Net Revenue...Rs.	7,43,640 1 1

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ABSTRACT.

		Rs. a. p.	Rs. a. p.
Balance on 31st March 1896—			
Port Trust	.....	2,394 7 9	
G. I. P. Railway Co.	.....	4,512 8 6	
B. B. & C. I. Railway Co.	.....	120 11 0	
			7,027 11 3
Add— Collections in 1896-97—			
Port Trust	.....	12,44,784 14 4	
G. I. P. Railway Co.	.....	2,26,101 15 9	
B. B. & C. I. Railway Co.	.....	59,524 4 0	
			15,30,411 2 1
			15,37,438 13 4
Deduct— Refunds paid in 1896-97		8,88,600 3 0	
Balance on 31st March 1897.. Port Trust	.....	1,507 5 0	
G. I. P. Railway Co.	.....	2,142 14 0	
B. B. & C. I. Railway Co.		44 11 0	
		3,694 14 0	
			8,92,295 1 0
Total Balance as per Book...Rs.			6,45,143 12 4

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

RECEIPTS.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.					
Cash Balance (in Bank and Office Treasuries) on 1st April 1896					74,805 10 3
GENERAL TAX—					
From Public—					
For 1889-90		131 5 2			
„ 1890-91		271 12 0			
„ 1891-92		272 2 0			
„ 1892-93		272 2 0			
„ 1893-94		36 2 0			
„ 1894-95		567 12 7			
„ 1895-96	Rs. 16,780 6 1				
Less—Transferred to—					
Water Tax for 1895-96	„ *128 7 3				
		16,651 14 10	—		
For 1896-97	Rs. 15,92,094 2 11				
Less—Transferred to B. Maintenance of Love Grove Pumping Station Contingencies	Rs. *9 2 2				
Water Tax for 1896-97	„ *155 12 4				
Halalkhore Tax for 1896-97.	„ *422 7 0				
General Tax for 1895-96	„ *46 7 11				
	633 13 5	15,91,460 5 6			
		16,09,663 8 1			
Less—Refunds		5,553 3 1			
			16,04,110 5 0		
From Government of Bombay		98,374 0 0			
Do. Port Trust		1,52,482 0 0			
			2,50,856 0 0		
				18,54,966 5 0	
Carried over	Rs.			18,54,966 5 0	74,805 10 3

* These sums, having been erroneously credited to these heads as per Assessor and Collector's intimations, have been, with the Commissioner's sanction, transferred to the proper heads of credit.

3.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897.

DISBURSEMENTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.				
GENERAL SUPERINTENDENCE—				
STANDING COMMITTEE AND CORPORATION ESTABLISHMENT—				
I. Salary of the Secretary, including Personal Allowance for approved service ...	15,112 4 2			
II Office Establishment	7,542 0 6			
III. Fees of Councillors	17,310 0 0			
IV. Contingencies, Stationery, Printing, &c.	14,659 14 3			
		54,624 2 11		
MUNICIPAL COMMISSIONER'S PERSONAL OFFICE ESTABLISHMENT—				
I. Salary of the Commissioner	30,000 0 0			
II. Establishment ..... Rs. 17,915 15 0				
Less—Over-payment recovered..... „ 100 7 3				
	17,815 7 9			
III. Contingencies, Stationery, Printing, &c. ... Rs. 6,187 13 3				
Less—Stamp charges recovered..... „ 0 4 0				
	6,187 9 3			
		54,003 1 0		
GENERAL OFFICE ESTABLISHMENT—				
I. Establishment including—winding up and keeping in order Municipal Clocks, Telephone Connection (General) &c.	7,577 14 5			
II. Printing Voters' Lists.....	2,406 15 5			
III. Law Charges ..... Rs. 18,252 14 3				
Less—Amount recovered from private parties ..... „ 56 8 0				
	18,196 6 3			
IV. Repairs and Maintenance of the Municipal Office Building, Testing Lightning Conductors, &c.	1,782 12 7			
V. Hydraulic Lift Service... Rs. 1,610 0 9				
Less—Cost of coal charged to other heads ..... „ 11 0 9				
	1,599 0 0			
VI. Electric Lighting of the Municipal Office	1,775 10 3			
VII. Contingencies, Stationery, Printing and Peons' Clothing	532 14 0			
		33,871 8 11		
ACCOUNTS AND EXPENDITURE AUDIT ESTABLISHMENT—				
I. Establishment..... Rs. 55,364 8 11				
Less—Amount of pay forfeited by a clerk..... ..... „ 2 9 3				
	55,361 15 8			
II. Contingencies, Stationery, Printing, &c..... Rs. 1,795 12 4				
Less—Cost of impressing stamps on cheques transferred to Corporation and Standing Committee's establishment ..... „ 15 10 0				
	1,780 2 4	57,142 2 0	*1,99,640 14 10	
Carried over... Rs.			1,99,640 14 10	

* Of this Rs. 24,955-1-10 are chargeable to Water Works account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			18,54,966 5 0	74,805 10 8
WHEEL TAX AND TOLLS—				
WHEEL TAX—				
Through Assessor and Collector—				
For 1890-91	0 5 0			
„ 1892-93	70 11 0			
„ 1893-94 ...Rs. 12 0 0				
Less—Transferred to Wheel Tax for 1894-95 „ * 12 0 0				
For 1894-95	50 0 0			
„ 1895-96	2,844 3 11			
„ 1896-97 ...Rs. 1,69,412 7 0				
Less—Transferred to General Tax for 1896-97 „ * 0 5 5				
	1,69,412 1 7			
	1,72,377 5 6			
Less—Refunds	10 0 0			
		1,72,367 5 6		
Through Superintendent and Chief Accountant For 1896-97		58,450 12 0		
		2,30,818 1 6		
TOLL FEES (through Traffic Manager, Port Trust)		15,863 4 0		
			2,46,681 5 6	
TOWN DUTIES—				
Through Port Trust	12,45,672 1 1			
„ B. B. & C. I. Railway Company	59,600 4 0			
„ G. I. P. Railway Company	2,28,471 10 3			
		15,33,743 15 4		
Less—Refunds		8,88,600 3 0		
			6,45,143 12 4	
LICENSES—				
(*a*) Dangerous and Offensive Trades (through License Department)		56,165 8 0		
(*b*) Streets and Buildings (through the Engineer)—				
(1) Licenses to Plumbers	880 0 0			
(2) Do. to Surveyors	2,175 0 0			
		3,055 0 0		
		59,220 8 0		
(*c*) Land Conveyance, Music, &c., Licenses (issued by the Commr. of Police)—				
(1) Land Conveyance Licenses, &c.	6,265 14 0			
(2) Music Licenses	6,946 0 0			
(3) Sundry Licenses	1,653 0 0			
		14,864 14 0		
			74,085 6 0	
LIQUOR LICENSES—Receipts from Government			1,43,750 0 0	
TOBACCO DUTY LICENSES—Receipts from Government (through Commissioner of Customs)			1,82,867 4 3	
HALALKHORE TAX (through Assessor and Collector)—				
For 1889-90		2 1 7		
„ 1890-91		93 2 10		
„ 1891-92		95 10 0		
„ 1892-93		101 11 9		
Halalkhore Tax—*contd.* and carried over...Rs.		292 10 2		
Carried over . Rs			31,47,494 1 1	74,805 10 8

* *Vide* foot-note at end of page 148.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			1,99,640 14 10	
ASSESSMENT AND COLLECTION DEPARTMENT—				
PROPERTY & WHEEL TAX ESTABLISHMENT—				
I. Head Quarters' Office Establishment .....Rs. 61,847 2 7				
Less—Over-payment recovered ..... ,, 19 2 4				
	61,828 0 3			
II. Ward Inspection Office Establishment ...	64,490 11 8			
III. Contingencies, Stationery, Printing, &c.	14,416 1 6			
		1,40,734 13 5		
TOWN DUTY COLLECTION—				
I. Port Trust (Commission)	44,698 6 10			
II. G. I. P. Railway Co. (do.)	8,924 8 3			
III. B. B. & C. I. do. (do.)	2,288 0 0			
		55,910 15 1		
LICENSING ESTABLISHMENT—				
I. Establishment.....	13,546 14 10			
II. Contingencies, Stationery, Printing, &c.	586 14 1			
III. Summons Fees .....Rs. 1,159 0 0				
Less—Recovered from Defaulters ..... ,, 730 8 0				
	428 8 0			
	14,562 4 11			
Land Conveyance License Establishment and Contingencies	8,138 11 6			
Music, Poison, &c., Licenses	1,370 6 8			
		24,071 7 1		
REVENUE AND REFUND AUDIT ESTABLISHMENT—				
I. Establishment	25,285 4 10			
II. Contingencies, Stationery, Printing, &c....	476 9 0			
		†25,761 13 10		
		2,46,479 1 5		
TOLLS COLLECTION—				
I. Establishment under the Traffic Manager, Port Trust Bunders		1,680 0 0		
			2,48,159 1 5	
FIRE BRIGADE—				
I. Establishment .....Rs. 50,763 0 11				
Less—Overpayment recovered, &c. ..... ,, 46 0 2				
	50,717 0 9			
II. Rent, Repairs and Miscellaneous..... ,, 26,418 6 5				
Less—Amount recovered from certain foremen on account of Municipal Taxes... ,, 281 6 5				
	26,137 0 0			
III. Purchase of Stock ..... ,, 5,376 0 0				
Less—Cost of Canvas Hose charged to Road Watering ..... ,, 15 0 0				
	5,361 0 0			
		82,215 0 9		
Interest on the Fire Brigade Loan of 4½ lakhs—Transferred from Interest on Loans, page 173		17,338 12 3		
			‡ 99,553 13 0	
Carried over Rs...			5,47,353 13 3	

* Of this, Rs. 26,387-12-6 are chargeable to Water Works Account.
† Includes Rs. 9,495 on account of Town Duty Refund Establishment.
‡ Or Rs. 1,07,653-13-0 including the Sinking Fund Instalment of Rs. 8,100 included in the Sinking Fund Payment aggregating Rs. 3,08,784-8-0, shown at page 179.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.							31,47,494	1	1	74,805	10	3
Halalkhor Tax—*contd.* & brought forward.. Rs.				292	10	2						
For 1893-94				13,539	2	9						
„ 1894-95				16,892	14	6						
„ 1895-96				30,080	0	6						
„ 1896-97	6,33,299	1	1									
Less—Transferred to—												
	Rs.	a.	p.									
General Tax for 1896-97	147	14	7									
Water Tax for do.	44	8	1									
Wheel Tax for do.	34	0	0									
B. Maintenance of Lovegrove Pumping Station IV. Contingencies	3	8	7									
	*229	10	3									
				6,33,069	6	10						
				6,93,874	2	9						
Less—Refunds.....				5,388	6	10						
							6,88,485	11	11			
WATER TAX AND OTHER MISCELLANEOUS WATER WORKS REVENUE—												
WATER TAX (through Assessor and Collector)—												
For 1889-90	5	9	8									
„ 1890-91	11	13	5									
„ 1891-92	15	1	6									
„ 1892-93	25	6	6									
„ 1893-94	118	10	0									
„ 1894-95	104	10	9									
„ 1895-96	17,612	12	4									
„ 1896-97 ..... Rs.	12,03,235	15	9									
Less—Transferred to—												
Halalkhore Tax for 1896-97. Rs.	23	2	0									
General Tax for 1896-97..... „	86	5	10									
Wheel Tax for 1896-97..... „	4	0	0									
B. Maintenance of Love grove Pumping Station IV. Contingencies.. „	4	4	10									
	* 117	12	8									
	12,03,118	3	1									
Water supplied to Municipal Departments ...	1,48,164	14	11									
	13,69,177	2	2									
Less—Refunds	2,221	11	1									
				13,66,955	7	1						
Profit on Sale of Water Connection Application Forms.....	85	8	0									
Recovery on account of wear and tear of tools	1,214	3	4									
Rent of Water Meters	11,697	9	4									
Value of iron work removed from the old 4" Main on Parbhadevi Road	2,022	14	1									
Water Tax, &c.—*contd.* and carried over...Rs.	15,020	2	9	13,66,955	7	1						
Carried over.. Rs.							38,35,979	13	0	74,805	10	3

* *Vide* foot-note at end of page 148.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			5,47,353 13 3	
MAINTENANCE OF PUBLIC GARDENS—				
a, VICTORIA GARDENS—				
Maintenance—				
I. Establishment	20,949 6 6			
II. Stores & Petty Charges.....	4,614 1 1			
III. Seeds, Plants and Labelling	735 12 11			
IV. Monsoon Repairs, Painting Seats and Repairs to Buildings...Rs. 5,231 13 0				
Less—Excess cost of materials recovered from defaulting contractors... „ 107 12 11				
	5,124 0 1			
V. Water-supply	10,455 4 4			
VI. Zoological collection	6,428 5 6			
VII. Cost of deputing Mr. J. M. Doctor to Calcutta for instruction in Zoology under Mr. Sanyal.....	500 0 0			
		48,806 14 5		
New Works—				
Wall and fencing along the Southern Boundary.....	2,675 1 4			
Animal keepers' quarters.....	100 8 0			
Additions and alterations to Bullock Stable	166 14 7			
Storm water drain in the new ground lately acquired and added to the Garden...	144 0 0			
Clerks' Office Room.....	27 0 0			
		3,113 7 11		
		51,920 6 4		
b. ELPHINSTONE CIRCLE GARDEN—				
I. Establishment	635 7 5			
II. Stores and Petty Charges	297 9 8			
III. *a*. Repairs, Painting, &c.	353 10 11			
b. Sand, Turf, Earth and Manure	158 14 10			
IV. Water-supply	561 15 6			
		2,007 10 4		
c. FALKLAND ROAD GARDEN—				
I. Establishment	120 0 0			
II. Stores and Petty Charges	200 3 3			
III. Water-supply	108 5 4			
		428 8 7		
d. NORTHBROOK GARDEN—				
I. Establishment	712 11 4			
II. Stores and petty charges	737 2 2			
III. Water-supply	418 0 0			
		1,867 13 6		
Maintenance of Public Gardens—*continued* and carried over .... Rs.		56,224 6 9		
Carried over...Rs.			5,47,353 13 3	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS,

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			38,35,979 13 0	74,805 10 8
Water Tax, &c.,—*contd.* & brought forward. Rs.	15,020 2 9	13,66,955 7 1		
Commission and Profit on Private Works...	681 12 7			
Sale of Tender Forms.....	157 0 0			
Hire of Pressure Gauges, Pumps, &c.....	11 4 10			
Fees for testing water pipes, fittings, &c.....	810 1 2			
Sale Proceeds of Unserviceable Tools and Plant, Scrap, &c.	1,206 11 0			
Profit on sale, &c., of Water Fittings, Meters, &c.....Rs. 12,611 15 7				
Less—Loss ..... „ 1,364 15 7	11,247 0 0			
Fees for disconnecting service pipes	157 0 0			
Water supplied to Sewree Cemetery	4 12 0			
Unclaimed or time-barred deposits	31 15 2			
	29,327 11 6			
Sale of Grass, Rights of Drawing Toddy, Taking Fruits, Fishing in Tanks, &c. Rs. 1,904 13 7				
Rent of Ground, &c. ..... „ 222 0 0				
	2,126 13 7			
		31,454 9 1		
			13,98,410 0 2	
MARKET RECEIPTS—				
Stall Rents		1,42,598 8 0		
Squatters' Fees (Departmental).....		2,767 13 0		
Do. do. (through Contractors).....		29,455 0 0		
Fair Ground and Feeding Fees from Contractors	65,500 0 0			
Less—Feeding Charges	18,637 7 8			
		46,862 8 4		
License Fees from Butchers and others.....		11,779 0 0		
Fees for weighing goods at the Municipal Scales of the Arthur Crawford Markets		4,100 0 0		
Fees for verifying Weights and Measures ...		1,800 12 0		
Fees for the Right of Removing Blood (from Contractors)		180 0 0		
Fees for attending Courts, Inspections, &c. ...		15 0 0		
Private Markets Recoveries.....		3,076 0 0		
Prices Current.....		188 7 0		
Recoveries for use of Gas Lights		7 8 0		
Sale Proceeds of Unclaimed Animals.....		31 10 0		
Sale of Articles, &c., found in the Market ...		5 4 0		
Recoveries for Carriage of Meat (from Commissariat Contractors) &c.....		58 0 0		
Sale Proceeds of manure, &c		88 3 9		
		2,43,013 10 1		
Slaughter Fees.....		1,28,014 12 0		
Rent of portion of Bungalow, Slaughter-houses and Chawl (from Commissariat Dept.)	3,000 0 0			
Rent of Chawls occupied by Butchers, &c. ...	2,476 0 0			
Rent of Rifle Ranges	200 0 0			
Rent of Ground	66 0 0			
		5,742 0 0		
Garden Produce		32 15 9		
			3,76,808 5 10	
Carried over...Rs.			56,11,193 3 0	74,805 10 8

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			5,47,353 13 3	
Maintenance of Public Gardens—*continued* and brought forward .....Rs.		56,224 6 9		
e. SIR COWASJEE JEHANGIR GARDEN AT MAHIM—				
I. Establishment	196 0 0			
II. Stores and Petty Charges	398 13 10			
III. Water-supply	111 9 3			
		706 7 1		
f. BAZAR GATE STREET GARDEN—				
I. Establishment	374 1 7			
II. Stores and Petty Charges	221 12 3			
III. Sand, Turf, Manure, &c.	49 4 5			
IV. Water-supply	135 7 2			
		780 9 5		
g. GARDEN ON THE FLATS—				
I. Establishment	498 7 11			
II. Stores and Petty Charges	273 0 5			
III. Water-supply	203 3 4			
		974 11 8		
h. DICK'S TANK GARDEN—				
I. Establishment	134 2 3			
II. Stores and Petty Charges	216 6 9			
III. Water-supply	61 9 6			
		412 2 6		
i. MALABAR HILL GARDEN—				
I. Establishment	426 6 5			
II. Stores and Petty Charges.....	159 2 0			
III. Water-supply	628 4 10			
		1,213 13 8		
			60,312 2 8	
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—				
I. GENERAL SUPERVISION & MISCL. DUTIES—				
I. Superior Staff		32,300 0 0		
II. Office Establishment.....		9,118 14 10		
III. Surveyors and Draftsmen		6,630 0 0		
IV. Contingencies, Stationery, Printing, &c.,	1,692 5 7			
Less—Summons Fees recovered from Defaulters	4 12 0			
		1,687 9 7		
			*49,736 8 5	
II. DRAINAGE—				
A. MISCELLANEOUS DRAINAGE—				
I. Establishment	25,287 2 0			
II. Inspecting Manholes and Sewers and Cleaning, &c., Miscellaneous Drains and Gutters .....Rs. 73,768 10 5				
Less—Charged to other heads ... „ 1,470 11 5				
	72,297 15 0			
Miscellaneous Drainage—*continued* and carried over .....Rs.	97,585 1 0			
Carried over...Rs.			6,57,402 8 4	

* Of this, Rs. 12,487-13 3 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			56,11,193 3 0	74,805 10 3
PUBLIC GARDENS—				
VICTORIA GARDENS—				
Sale Proceeds of Plants, Flowers, &c.....		7,218 2 0		
Rent of Chawls from Malees, &c.		492 0 0		
			7,740 2 0	
TRAMWAY RENT			47,427 8 4	
MISCELLANEOUS FINES AND PENALTIES—				
Through Presidency Magistrates of Police,		5,473 12 0		
On Establishments	744 15 2			
Less—Refunds	15 0 0			
		729 15 2		
On Contractors.....		46 0 0		
„ Health Department (Labourers)		2,178 11 0		
„ Do. (Halalkhors).....		3,051 2 0		
„ Executive Engineer's Department (Labourers)		30 7 1		
			11,509 15 3	
MISCELLANEOUS RECEIPTS—				
General Sales Account—				
Sale of Land	2,966 2 7			
Sale of Materials.....	926 14 2			
		3,893 0 9		
Or Account of Health Department—				
Rent of Chawls and Ground.....	14,853 5 1			
Rent of Reclamation Grounds at Kurla, Sion, Tardeo Flats, and DeLisle, Clarke and Arthur Roads, &c.	18,101 4 0			
Rs. a. p.				
Rent of Kamatipura Milch cattle Stables.....8,158 7 0				
Less—Commission for Collecting Rents 143 12 11				
8,014 10 1				
Rent of Agripada Milch Cattle Stables 3,481 13 0				
Less—Commission for Collecting Rents..... 58 15 11				
3,422 13 1				
Rent of Mody Bay Milch Cattle Stables 3,908 0 0				
	15,345 7 2			
Rent of Dhobiwada and Shops.	17,021 10 0			
Sale of Bones, Manure, and Cowdung cakes, &c. 1,079 4 0				
Cleaning Drains 1,556 0 8				
	2,635 4 8			
Sale of Tender Forms..	27 4 2			
		67,984 3 1		
Miscl. Receipts—*contd.* & carried over...Rs.		71,877 3 10		
Carried over...Rs.			56,77,870 12 7	74,805 10 3

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* brought forwd. Rs.			6,57,402 8 4	
DRAINAGE—*contd.*				
Mis. Drainage—*contd.* & brought forwd. Rs.	97,585 1 0			
III. Repairing & altering Mis. Drains, &c..... Rs. 13,477 8 4				
Less—Transferred to other heads... „ 6 4 0				
	13,471 4 4			
IV. Contingencies, Stationery, Printing, &c.	2,186 14 6			
V. Water-supply to Inspectors' Chowkis, &c.	6,164 5 10			
VI. Telephone Connections to Drainage Engineer's Bungalow, &c.	684 3 0			
VII. Rent of 24 acres of ground on the Flats north of Clerk Road behind Parsi Parab ...	23 2 9			
VIII. Halalkhor Tax in respect of Chief Inspector's chowki	67 4 2			
IX. Cleaning choked drains	364 9 11			
		1,20,516 13 6		
B. MAINTENANCE OF LOVE GROVE PUMPING STATION—				
I. Establishment	11,681 15 4			
II. Coals ..... Rs. 56,483 7 8				
Less—Transferred to Colaba Pumping Stations .. .. „ 279 8 0				
	56,203 15 8			
III. Repairs to Machinery. Rs. 7,794 13 2				
Less—Transferred to General Stock..... „ 595 7 1				
	7,199 6 1			
IV. Contingencies & Stores Rs. 11,866 4 6				
Less—Municipal Taxes in respect of the Bungalow at Love Grove refunded ... „ 80 6 2				
	11,832 15 4			
V. Repairs to Buildings	251 0 10			
VI. Ground-rent at Worlee	17 1 10			
VII. Water-supply	3,091 18 7			
VIII. Telephone Connections	175 0 0			
		89,953 4 3		
C. MAINTENANCE OF SLUICES—				
I. Establishment	2,383 14 7			
II. Materials, repairs, and contingencies ...	1,404 9 7			
III. Water-supply	43 15 0			
		3,832 7 2		
D. MAINTENANCE OF PUMPING STATION, COLABA, SHONE SYSTEM—				
I. Establishment	6,570 13 4			
II. Coals	11,223 14 2			
III. Repairs to Machinery of Stations and Ejectors	549 15 2			
IV. Contingencies and Stores	2,559 0 11			
V. Repairs to Buildings	23 8 5			
VI. Telephone connection	188 6 8			
VII. Water-supply	718 2 10			
VIII. Lighting with electricity the air compressing station	1,300 0 0			
		23,133 13 6		
			2,37,466 6 5	
III. WATER WORKS—				
I. Establishment	1,41,000 0 2			
Less—Overpayment recovered	31 0 10			
		1,40,968 15 4		
II. Materials	43,224 11 7			
Less—Recovery of damage done to a glass tumbler	0 12 0			
		43,223 15 7		
Water works—*contd.* and carried over ... Rs.		1,84,192 14 11		
Carried over... Rs.			8,94,868 14 9½	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			56,77,870 12 7	74,805 10 3
Miscellaneous Receipts—*continued* and brought forward ... ...Rs.		71,877 3 10		
On Account of Municipal Engineer's Dept.—				
Commission and Profit on Private Works ...	3,499 14 7			
Profit on account of Building Certificate Forms...	184 8 0			
Do. do. Repairs do. ...	369 8 0			
Hire of Carts, Rollers, &c.	4,242 2 8			
Sale of Coal Ashes (Love Grove Pumping Station)	225 10 0			
Sale of Fruits, Trees, Tender Forms, &c....	174 12 0			
Unclaimed Deposits	201 0 0			
	8,897 7 3			
Rs. a. p.				
Ground-rent on account of Telephone Lines 2,411 12 9				
Ground-rent... Rs.2,713 2 6				
Less-Transferred to other heads „ 238 5 8				
2,474 12 10				
	4,886 9 7			
Right of Catching Fish, &c.....	10,192 4 7			
		23,976 5 5		
On Account of Assessor and Collector's Dept.—				
Sale of Waste Paper, &c.		64 9 4		
On Account of Muni. Commissioner's Dept.—				
Sale of Waste Paper, &c.	736 11 5			
Unclaimed or time-barred deposits	630 0 0			
		1,366 11 5		
Rent of Quarters belonging to the Corporation occupied by the Police Department	14,911 10 0			
Do. do. do. by the Fire Brigade.	5,153 5 4			
		20,064 15 4		
Miscl. Receipts—*contd.* and carried over ...Rs.		1,17,349 13 4		
Carried over...Rs.			56,77,870 12 7	74,805 10 3

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. p. a.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			8,94,868 14 9	
Water Works—*continued* and brought forward .....Rs.		1,84,192 14 11		
III. Contingencies, Stationery, Printing, &c.	11,682 12 10			
Less—Charges for Stamping Water Meter Bonds, &c., recovered from Parties and certain advertisements, &c., charges transferred to other heads.....	123 3 0			
		11,559 9 10		
V. Repairs and Painting to Water Works Buildings		3,436 8 3		
VI. Repairs to Tulsi and Tansa Main Embankments		16,322 11 3		
VII. Diverting the 24" Main in Gibbs Road		25 0 0		
VIII. Maintenance of Pawai Works.....		505 6 5		
			2,16,042 2 8	
IV. STREETS AND BUILDINGS—				
A. INSPECTION AND SUPERVISION—				
I. Establishment	79,134 10 0			
Less—Overpayment recovered	260 5 3			
		78,874 4 9		
II. Contingencies, Stationery, Printing, &c	3,528 6 9			
Less—Summons fees recovered.....	44 8 0			
		3,483 14 9		
			82,358 8 6	
B. PUBLIC LIGHTING—				
I. Gas Lighting—				
a. Streets and Bunders, &c.	2,24,266 13 2			
b. Contingencies ..... Rs. 1,801 8 8				
Less—Damages to lamps, &c., recovered..... „ 376 5 0				
	1,425 3 8			
		2,25,692 0 10		
II. Kerosine Oil Lighting—				
a. Streets ..... Rs. 42,946 11 10				
Less—Sale proceeds of empty kerosine oil cases and cost of unused kerosine oil cases transferred to Reserve Stock ..... „ 11,565 7 8				
	31,381 4 7			
b. Contingencies..... Rs. 2,222 11 9				
Less—Damages to lamps recovered..... „ 21 4 0				
	2,201 7 9			
		33,582 12 4		
			2,59,274 13 2	
C. WATERING ROADS—				
I. Watering by Bhistees and Carts.....		91,352 2 0		
Less—Errors adjusted		0 1 10		
			91,352 0 2	
D. ROAD REPAIRS—				
I. Road repairs and Maintenance.....	3,55,648 7 2			
Less—Charged to other heads.....	38,677 10 7			
		3,16,970 12 7		
II. Paving Footpaths	10,780 6 0			
Less—Charged to other heads.....	61 4 8			
		10,719 1 4		
Road Repairs—*contd.* and carried over...Rs.		3,27,689 13 11		
Carried over...Rs.			15,43,896 2 3	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			56,77,870 12 7	74,805 10 3
Miscellaneous Receipts *continued* and brought forward ..... Rs.		1,17,349 13 4	o	
On account of Vaccination Department—				
Sale of Vaccine Lymph, &c.		1,265 1 0		
On account of Fire Brigade Department—				
Hire of Engines.....		63 10 4		
			1,18,678 8 8	
MISCELLANEOUS FEES—				
Through Assessor and Collector—				
Buttakee	2,241 0 0			
Duplicate Bills.....	8 6 0			
Inspection	79 0 0			
Notice.....Rs. 2,062 4 0				
Less—Fees cancelled ..... „ 1 0 0				
	2,061 4 0			
Sundry	48 4 11			
Warrant.....	86 0 0			
Supplying Copies of Office Records, &c. ...	79 0 1			
		4,552 15 0		
Through Executive Engineer—				
Projecting Verandahs, Balconies, &c.....	6,378 8 3			
Opening Roads.....	2,985 0 0			
Scaffoldings	3,075 8 6			
Supplying Copies of Office Records	183 6 0			
Occupying Public Roads	3,112 0 0			
		15,734 6 9		
Through Chief Accountant—				
Registration of Powers of Attorney	10 0 0			
Furnishing Copies of Office Records	14 0 0			
		24 0 0		
Through Health Officer—				
Digging Graves.....	4,613 4 0			
Removing Dead Animals	6,376 14 0			
Skinning Dead Animals	9,000 0 0			
Supplying Copies of Office Records.....	332 8 0			
		20,322 10 0		
Through Revenue and Refund Audit Estabt.—				
Supplying Copies of Town Duty Refund Receipts.....	16 0 0			
Supplying Copies of Office Records, Registering Powers of Attorney, &c.	6 0 0			
		22 0 0		
Through Municipal Commissioner—				
Supplying Copies of Office Records, giving evidence, &c.		10 0 0		
			40,665 15 9	
Carried over... Rs.			58,37,215 5 0	74,805 10 3

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			15,43,896 2 3	
STREETS AND BUILDINGS—*contd.*				
Road Repairs—*continued* and brought forward .....Rs.		3,27,689 18 11		
III. Ground-rent		1,150 0 8		
IV. Water-supply to Chowkies at Null Bazar, &c., plus Rent of Meters		216 12 1		
V. Annual Repairs to Ward Chowkies, &c.		547 9 2		
VI. Telephone Connections to Engineer's Bungalow and A Ward Office.....		175 0 0		
			3,29,779 3 10	
E. IMPROVEMENT OF STREETS—				
a Compensation for Land and Buildings taken up		92,061 13 7		
b Do. for Buildings, trees, &c.		10,210 12 6		
c Purchase of Tin Plates and Street Boards		1,721 6 9		
			1,03,994 0 10	
V. CLEANING, LIGHTING AND REPAIRING PORT TRUST WHARVES ROADS			38,642 0 0	
NEW WORKS—				
DRAINAGE—				
Miscellaneous Drainage Works	3,947 14 4			
Automatic Sewage Height Recorders	1,960 8 7			
Repairs to Condensing Tanks, Love Grove Pumping Station.....	1,821 0 9			
Ventilating Shafts on main Sewer.....	1,069 8 1			
Water entrances, Clerk Road	419 14 8			
Do. do., Fort Street, near the Bazar Gate Street Garden.....	890 8 10			
Constructing the masonry channel for the conveyance of sullage water from the head of Elphinstone Road	12,192 7 0			
Constructing a temporary Office, and Store Room and Workshop at Foras Road	2,552 11 5			
Connecting the latrine and hopper at Colaba Night-soil Depôt	458 12 6			
Cost of cleaning 1,400 r. feet of the Frere Road drain between Fort Street and Ballard Road	2,834 9 0			
Constructing a Double Barrel Sewer in the Mint compound	2,811 0 1			
Erecting four flushing tanks to flush the side drains of Northbrook Garden	2,562 13 3			
Cost of appliances for the production of electrolized sea-water	250 0 0			
		33,271 2 6		
WATER WORKS—				
Quarters for Sub-Inspector and Watchmen, Tansa Lake	5,735 15 2			
Laying a 12″ water main from Dhun Mill to the Bombay Dye Works, near Worlee Sluices	4,171 9 8			
Boundary Stones around Vehar Lake.....	599 15 0			
Erecting three Automatic Flushing Tanks at the junction of Arthur and Kalachowki Roads.....	692 7 11			
Placing boundary stones along the boundaries of the land occupied by the 12″ main from Sion to Dharavi	352 13 3			
Catch-water channels at Vehar	453 9 11			
		12,006 6 11		
New Works—*contd.* and carried over.....Rs.		45,277 9 5		
Carried over...Rs.			20,16,311 6 11	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			58,37,215 5 0	74,805 10 3
MISCELLANEOUS SAVINGS—				
Revenue and Refund Audit Establishment...		9 13 6		
Garden Establishment		71 8 5		
Executive Engineer's Department		2,521 12 1		
Health Department		1,647 10 10		
Halalkhore Branch		779 0 2		
Market Establishment		49 15 7		
Assessor and Collector's Department		3 9 10		
Workshops Establishment		3 12 0		
Municipal Commissioner's Personal Office Establishment		12 0 7		
Fire Brigade Establishment		42 15 9		
Water Works do.		53 5 1		
Licensing do.		1 4 0		
			5,196 11 10	
CONTRIBUTION FROM MUNICIPAL SERVANTS TOWARDS PENSION, &c., FUND		19,654 12 4		
Less—Adjustment of excess recovery.....		0 15 6		
			19,653 12 10	
INTEREST AND PROFIT ON INVESTMENTS OF SURPLUS LOAN AND OTHER BALANCES—				
44 Lakhs Sanitary Works Loan Deposit	19,864 3 4			
Less—Renewal Fee	16 0 0			
		19,848 3 4		
7 Lakhs Sanitary Works Loan Deposit		3,452 10 0		
12 Lakhs Drainage and Water Works Loan Deposit		9,555 11 4		
Rs. 10,08,500 Miscellaneous Works Loan Deposit	11,984 13 0			
Less—Renewal Fee.....	3 0 0	11,981 13 0		
Rs. 2,48,000 Agripada House Sullage Water Connections Loan Deposit		823 0 10		
Rs. 26,94,000 Drainage and Water Works Loan Deposit		1,697 12 0		
8 Lakhs Municipal Building Loan Deposit..		1,628 7 6		
4½ Lakhs Fire Brigade Quarters and Stations Loan Deposit		233 12 0		
23¾ Lakhs Drainage and Other Works Loan Deposit		16,448 13 6		
15¾ Lakhs Sewerage Wari Bunder,&c., Roads, Burial Ground and certain Water Works Loan Deposit		7,342 11 6		
Surplus Cash Deposit.....	1,28,688 15 7			
Less—Interest, &c., paid at the time of investment.....	2,445 13 0	1,26,243 2 7	*1,99,256 1 7	
Carried over...Rs.			60,61,321 15 3	74,805 10 3

* For details of interest and profit, vide pages 71 and 72.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			20,16,311 6 11	
New Works—*contd.* and brought forward ...Rs.		45,277 9 5		
STREETS AND BUILDINGS—				
New Offices at Null Bazar for Engineering Department, Streets and Buildings	1,013 15 3			
Construction of Ward Office at Gamdevi	137 9 2			
Cast-iron Benches at Apollo Bunder	212 15 2			
	1,364 7 7			
Conversion of Gas Lamps into Incandescent Lights.Rs. 80,723 6 4				
Conversion of 67 Kerosine Oil Lamps into Incandescent Gas Lights..... „ 4,109 6 0				
	84,832 12 4			
		86,197 8 11		
SANITARY & OTHER MISCELLANEOUS WORKS—				
Latrines and Urinals	4,466 7 9			
Building Walls at Tank Bunder Burial Ground	784 3 5			
Fixing C. I. Pipes for the observation of sub-soil water, &c.	414 3 8			
Purchase of Land at Bhungy Mohola	551 1 7			
Filling in portions of Haines Road Cemetery.	2,999 10 0			
Rest House at the Hindu Cemetery at Haines Road	808 5 4			
Boundary fence to the Dhobiwada between Arthur and Haines Road	605 7 3			
Iron seats at Hornby Vellard	538 0 4			
Improving water-supply and providing arrangements for flushing the Latrines in Cursetjee Sooklajee Street	198 5 4			
Construction of a Hopper at the Sonapur Night-soil Depôt	25 2 5			
Construction of a 12-chamber Latrine at Worli Mothi Pakhady	485 0 1			
Construction of a 12-chamber Latrine at Worli Middle Pakhady	482 14 10			
Sanitary and other Miscellaneous Works—*continued* and carried over.....Rs.	12,358 14 0			
New Works—*contd.* and carried over...Rs.		1,31,474 13 4		
Carried over...Rs.			20,16,311 6 11	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			60,61,321 15 3	74,805 10 8
ACTUAL PROFIT on Sale of Stores to Contractors			8,447 1 4	
SALE PROCEEDS of Unserviceable Tools and Plant sold by Public Auction			1,811 18 9	
PROFIT on Municipal Workshops			9,061 12 3	
			60,80,642 10 7	
INTEREST on the 5 and 4 per cent. Municipal Loans Sinking Fund Investment	64,537 5 4			
Less—Interest, &c., paid at the time of Investment	802 13 4			
		63,734 8 0		
INTEREST on Municipal Buildings Fire Insurance Fund Investment	1,195 2 0			
Less—Interest, &c., paid at the time of investment	76 10 0			
		1,118 8 0		
INTEREST on the Worn-out Water Mains Renewal Fund Investment	13,624 11 0			
Less—Interest, &c., paid at the time of investment	667 9 6			
		12,957 1 6		
INTEREST on the Investment of the Net Premia, &c., Fund	13,454 7 4			
Less—Interest, &c., paid at the time of investment	111 5 9			
		13,343 1 7		
		91,153 3 1		
NET PREMIA received on the 1st Instalment of Rs. 10 Lakhs of the Loan of 15¾ Lakhs for the Construction of Sewerage, Wadi Bunder, &c., Roads, Burial Ground and certain Water Works		37,181 13 6		
			1,28,335 0 7	
				62,08,977 11 2
Carried over... Rs.				62,83,783 5 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			20,16,311 6 11	
New Works—*contd.* and brought forward... Rs.		1,81,474 18 4		
Sanitary and other Miscellaneous Works—*continued* and brought forward ..... Rs.	12,358 14 0			
Observation wells for sub-soil water, Kamatipura	416 5 2			
Construction of a Night soil Depôt at Bhangy Mohla	371 7 6			
	13,146 10 8			
Paving the passage at the north and west of the Fort Market	80 0 0			
Shed for keeping distrained carriages for the Assessment Department	1,868 10 8			
Constructing a shop on the vacant Municipal ground at Mint Road	94 0 0			
Cost of providing three sets of punkhas in the Council Hall	889 8 6			
		15,528 8 5	1,47,003 5 9	
PUBLIC HEALTH DEPARTMENT—				
I. General Supervision—				
I. Staff	28,800 0 0			
II. Office Establishment	10,619 14 9			
III. Contingencies, Stationery, Printing, &c.. .....Rs. 4,156 8 9				
Less—Warrant Fees recovered from defaulters „ 8 0 0				
	4,148 8 9			
		43,568 7 6		
II. Conservancy Branch—				
I. Superintendence and Inspection .....Rs. 60,496 8 1				
Less—Overpayment recovered ..... „ 220 2 9				
	60,276 5 4			
II. Labour, including Feed of Cattle—				
(*a*) Scavengering ...Rs. 3,13,900 3 1				
Less—Transferred to other heads ..... „ 3 5 1				
	3,13,896 14 0			
(*b*) Drain Cleaning	1,49,658 8 10			
(*c*) Gully Flushing	2,099 6 2			
III. Disposal of Town Sweepings—				
(*a*) Reclamation .....Rs. 21,057 4 9				
Less—Overpayment recovered..... „ 31 7 3				
	21,025 13 6			
(*b*) Incineration	12,263 8 9			
Conservancy Branch—*contd.* & carried over...Rs.	5,59,220 8 7			
Health Department—*contd.* & carried over...Rs.		43,568 7 6		
Carried over...Rs.			21,63,314 12 8	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				62,83,783 5 5
			o	
Carried over...Rs.				62,83,783 5 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			21,63,314 12 8	
Health Department—*continued* and brought forward .....Rs.		43,568 7 6		
Conservancy Branch—*continued* and brought forward .....Rs.	5,59,220 8 7			
IV. Repairs .....Rs. 31,357 11 3				
Less—Damage to carts, yokes, &c., recovered..... „ 8 0 0				
	31,349 11 3			
V. Stores .....Rs. 30,962 8 0				
Less—Excess cost recovered..... „ 7 8 0				
	30,954 11 0			
VI. New Live and Rolling Stock	23,392 8 11			
VII. Rent	13,309 4 3			
VIII. Water-supply.....	19,194 2 3			
IX. Waterproof Clothing	1,640 0 0			
	6,79,060 9 3			
X. Halalkhore Branch—				
a. Superintendence ...Rs. 15,522 5 9				
Less—Overpayment recovered ..... „ 31 7 3				
	15,490 14 6			
b. Labour	2,96,492 0 9			
c. Feed of Bullocks	60,865 2 8			
d. Stores .....Rs. 7,777 13 4				
Less—Damages to a yoke recovered ... „ 1 8 0				
	7,776 5 4			
e. Repairs and Maintenance	15,002 8 5			
f. Purchase of Live Stock	6,270 0 0			
g. Rent	1,949 15 10			
h. Lighting Night-soil Depôt...	121 0 0			
i. Water-supply	36,439 8 7			
	4,40,407 8 1			
		11,19,468 1 4		
III. MARKETS AND SLAUGHTER-HOUSES ESTABLISHMENT—				
I. Superintendence	23,908 5 0			
II. Superintendence at Bandora Slaughter-houses.....	6,603 10 6			
III. Superintendence, Private Markets	2,971 8 7			
IV. Labour	11,482 12 7			
V. Lighting Markets and Slaughter-houses.....	13,306 11 5			
Markets, &c., *continued* and carried over.....Rs.	58,278 0 1			
Health Dept. *continued* & carried over.....Rs.		11,68,036 8 10		
Carried over...Rs.			21,63,314 12 8	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward				62,83,783 5 5
Carried over...Rs.				62,83,783 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			21,63,314 12 8	
Health Department—*continued* and brought forward.....Rs.		11,68,036 8 10		
Markets, &c.—*contd.* and brought forward...Rs.	58,273 0 1			
VI. Meat Carriage.....	26,474 7 4			
VII. Disposal of Offal	5,475 0 0			
VIII. Stores	1,272 10 6			
IX. Contingencies, Stationery, Printing, &c.	2,493 11 1			
X. Repairs.....	3,760 7 8			
XI. Rent	7,702 13 2			
XII. Water-supply	34,817 6 8			
		1,40,269 8 6		
IV. Registration of Births and Deaths—				
I. Office Establishment	4,731 7 3			
II. Registrars	12,465 2 6			
III. Contingencies, Stationery, Printing, &c.	1,527 7 2			
IV. Lighting Sonapur Burning Ground	44 0 5			
		18,768 1 4		
V. Cemeteries—				
I. Establishment	2,113 11 6			
II. Purchase of Live Stock	317 0 0			
III. Feed of Horses and Contingencies	2,057 8 10			
IV. Rent	146 8 7			
V. Stores, &c.	2,548 13 7			
VI. Water-supply	316 0 0			
VII. Repairs to Chowkies and Chawls	12 3 3			
		7,511 13 9		
VI. Laboratory		342 12 8		
VII. Mahaluxmi Dhobiwada—				
I. Establishment	989 11 4			
II. Stores and Contingencies	101 3 11			
III. Rent of Government Ground opposite the Dhobiwada.....	852 14 7			
IV. Repairs	165 7 10			
V. Water-supply.....	29,154 7 10			
		31,263 13 6		
VIII. Infectious Diseases.....	16,682 2 1			
Less—Recovered from different parties ...	168 4 0			
		16,513 14 1		
IX. Milch Cattle Stables and Rooms—				
I. Establishment and Labour	2,108 11 1			
II. Stores, &c.	88 5 7			
III. Ground-rent to Collector of Bombay and Port Trust	78 7 8			
IV. Repairs	866 2 2			
V. Water-supply	6,582 13 11			
		9,724 8 5		
X. Tank Conservancy—				
I. Establishment and Labour.....	4,755 8 10			
II. Stores, &c.	1,200 0 0			
		5,955 8 10		
Health Dept.—*contd.* and carried over...Rs.		13,93,386 9 6		
Carried over...Rs.			21,63,314 12 8	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.				62,83,783 5 5
Carried over...Rs.				62,83,783 5 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			21,63,314 12 8	
Health Department—*continued* and brought forward .....Rs.		13,93,386 9 6		
XI. RUSTOMJI JAMSETJI DHARAMSHALLA, FALKLAND ROAD—				
I. Establishment	105 8 7			
II. Repairs	30 9 5			
III. Water and Halalkhore Taxes	41 14 6			
		177 11 6		
XII. Vaccination (contribution to Government)		16,392 11 2		
			14,09,867 0 2	
GENERAL POLICE (including Police Hospital)			5,51,589 0 0	
EDUCATION—				
Primary Education		59,135 0 0		
School for Deaf and Dumb Mutes		1,800 0 0		
Veterinary College		2,600 0 0		
Technical College.....		10,000 0 0		
Joint Schools Committee's Establishment.....		5,166 0 3		
Victoria and Albert Museum.....		10,287 8 4		
			88,888 8 7	
HOSPITALS, &c.—				
Gokaldas Tejpal Hospital—				
Contribution for 1896-97	36,000 0 0			
Less—Unexpended Balance of the Municipal Contribution for 1895-96 refunded by Government..... Rs. 4,898 15 5				
Deduct — Pay of Nurses .....Rs. 960				
Cost of Uniforms to ditto ... „ 40				
„ 1,000 0 0				
	3,898 15 5			
		32,101 0 7		
Contribution to Jaffer Sulleman Dispensary...		3,000 0 0		
Homeless Leper Asylum at Matunga		18,000 0 0		
			53,101 0 7	
PENSIONS, &c.—				
Pensions		43,776 12 2		
Gratuities and Compassionate Allowances.....		14,823 15 10		
			58,600 12 0	
MISCELLANEOUS—				
Discretional Contingencies.....	4,015 4 7			
Less—Charged to other heads	32 10 1			
		3,982 10 6		
Auditors' Allowance		10,331 12 9		
Election Expenses		630 1 6		
Loss on account of Private Works Irrecoverable Bills.....		398 0 7		
Cost of printing a Monograph on the Drainage of Bombay		2,000 0 0		
Grain Compensation to Peons, &c.....		18,161 7 11		
			35,504 1 3	
COST OF SPECIAL SANITARY MEASURES IN CONNECTION WITH THE BUBONIC PLAGUE			4,37,055 0 1	
Carried over...Rs.			47,97,920 3 4	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				62,83,783 5 5
LOAN WORKS—				
DRAINAGE—				
Executed out of the Loan of 23¼ Lakhs—				
Pumps and Steam Engines required for the working of the Love Grove Pumping station		3,500 0 0		
Executed out of the 15¾ Lakhs Loan—				
Sewerage of old Race Course District on Gravitation system		10 0 0		
Loan Works Drainage—*Continued* and Carried over .....Rs.			3,510 0 0	
			3,510 0 0	
Carried over...Rs.				62,83,783 5 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			47,97,920 3 4	
INTEREST ON LOANS—				
Vehar Water Works Debt		1,01,912 11 7		
Drainage Loan of 1878		98,925 0 0		
44 Lakhs Sanitary Works Loan of 1885-86 ...		1,77,712 8 0		
7 Lakhs Sanitary Works Loan of 1888		32,075 0 0		
Tansa Water Works Loan of 147 lakhs		7,07,362 8 0		
Drainage and Water Works Loan of 12 lakhs of 1888.....		50,712 8 0		
Loan of Rs. 10,68,500 for Miscellaneous Works.....		49,800 0 0		
Agripada House Sullage Water Connections Loan of Rs. 2,48,000		12,375 0 0		
Loan of 35 Lakhs for Various Sanitary Works.....		1,80,137 8 0		
Municipal Building Loan of 8 lakhs		40,000 0 0		
4½ Lakhs Loan for Fire Brigade Quarters and Stations		17,338 12 3		
Loan of 42 lakhs for repayment of balance of Government Consolidated Loan		1,54,070 0 0		
23¼ Lakhs Loan for Drainage, Water Works, Roads and Other Works.....		83,710 14 5		
15¼ Lakhs Sewerage, Wari Bunder, &c., Roads, Burial ground and certain Water Works Loan		29 10 3		
		17,06,162 0 6		
Less—Shown under Fire Brigade		17,338 12 3		
			16,88,823 4 3*	
CHARGES ON ACCOUNT OF LOANS—				
Advertising Payment of Government Loan Instalment.....		39 0 0		
Commission to Bank of Bombay for payment of Interest.....		13,994 5 4		
Public Loan Contingencies		17 8 0		
			14,050 13 4	
Premia on Municipal Loans Sinking Fund Investment—				65,00,794 4 11†
Paid out of Invested Fund.....				8,067 8 0
LOAN WORKS—				
DRAINAGE—				
Executed out of the 15 Lakhs Loan (one of the three Sanitary Works Loans aggregating Rs. 44 Lakhs)—				
House Connections without Privy Fittings (1st Drainage Section) ... ... Rs. 54,850 0 8				
Less—Charged to other heads... „ 281 7 2				
	54,568 9 6			
Executed out of the 7 Lakhs Sanitary Works Loan of 1888—				
Fort Drainage .....Rs. 607 5 5				
Less—Charged to other heads. „ 62 1 7				
	545 3 10			
Executed out of the 12 Lakhs Drainage and Water Works Loan—				
Queen's Road House Connections ..... Rs. 640 4 5				
Less—Charged to other heads ... „ 65 13 4				
	581 7 1			
		55,698 4 5		
Loan Works (Drainage)—*continued* and carried over .....Rs.		55,698 4 5		
Carried over...Rs				65,08,861 12 11

* Includes Rs. 11,19,997-4-9 chargeable to Water Works Account.

† This amount, together with the repayment of debt and sinking fund investment aggregating Rs. 3,61,347-12-5 as shown at page 179, makes up the total expenditure of Rs. 68,62,142-1-4 as per Statement C on page 33.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				62,83,783 5 5
Loan Works Drainage—*continued* and brought forward..... Rs.			3,510 0 0	
Loan Works—*contd.* and carried over ... Rs.			3,510 0 0	
Carried over... Rs.				62,83,783 5 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

MUNICIPAL FUND—*continued* and brought forward ..... Rs.										65,08,861	12 11
Loan Works (Drainage)—*continued* and brought forward ..... Rs.						55,693	4 5				
Executed out of the Loan of Rs. 2,48,000— House Sullage Water Connections, Agripada						5	2 5				
Executed out of the Loan of 23¾ Lakhs—											
Sewerage of Colaba ... Rs.	99,401	6	8								
Less—Charged to other heads ... „	35,437	9	1								
				63,963	13 7						
Sewerage of Umerkhadi District ..... Rs.	76,514	1	0								
Less—Sale proceeds of empty cement casks, &c. ..... „	829	6	0								
				75,684	11 0						
Miscellaneous Extensions and Improvements of Drains				2,424	6 1						
						1,42,072	14 8				
Executed out of Rs. 15,75,000 Loan—											
Sewerage of the Mazagon District on the Gravitation System				1,68,331	7 7						
Sewerage of Malabar and Cumballa Hill Districts on Gravitation System				74,659	6 11						
Sewerage of Fergusson Road and Chinchpokli District on Gravitation System, including pipe sewers in Fergusson and Bapty Roads				23,693	8 6						
						2,66,684	7 0				
Executed out of savings on different Loans—											
9" Pipe line for the Carriage of Storm-water to the sea from the eastern half of the Wodehouse Road				711	5 10						
Constructing a catchpit on the Mint Road Sewer opposite the European General Hospital				11	15 0						
Altering and Ovoiding Storm-water Drain in Girgaum				775	0 0						
Construction of a Storm-water Drain in Khotwadi				925	0 0						
Draining the Storm-water from public roads round Mahaluxmi Dhobiwada				447	1 4						
Converting the old Engine House at Love Grove into an Office and Godown and Constructing a shred lifting Chamber ...				3,500	0 0						
						6,370	6 2				
								4,70,831	2 8		
Loan Works—*contd.* and carried over ... Rs.								4,70,831	2 8		
Carried over ... Rs.										65,08,861	12 11

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				62,83,783 5 5
Loan Works—*contd.* and Brought forward...Rs.			3,510 0 0	
WATER WORKS—				
Advances from Surplus Balances—				
Connections at Chinchpokli between Tansa and Vehar mains.....		7,402 1 4		
24" and 27" mains from the Malabar Hill Reservoir to the Frere Fountain, Fort...		50,093 1 2		
			57,495 2 6	
			61,005 2 6	
ROADS—				
Executed out of the 85 lakhs Various Sanitary Works Loan—				
Sale proceeds of surplus land			87,508 4 1	
Loan Works—*contd.* and carried over ... Rs.			1,48,513 6 7	
Carried over Rs.				62,83,783 5 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				65,08,861 12 11
Loan Works—*contd.* and brought forward...Rs.			4,70,831 2 8	
WATER WORKS—				
Executed out of the Tansa Water Works Loan of 147 lakhs—				
Tansa Water Works		9,458 14 4		
Executed out of the Loan of 23¼ lakhs—				
Covering Storage Basin at the Bhandarwada Reservoir & constructing Filters over it.	43,704 15 11			
Further Alterations and Improvements at the Malabar Hill Reservoir	3,600 2 0			
		47,305 1 11		
Executed out of the Rs. 15,75,000 Loan—				
Improvement of the Outlet Towers at Vehar and Tulsi		168 5 4		
Executed out of savings on different Loans—				
Residence of Chief Inspector, Water Works, at Babula Tank Road and rooms for 6 Sluicemen.....	160 3 2			
Connections at Chinchpokly between Tansa and Vehar Mains.....	7,402 1 4			
24" and 27" mains from Malabar Hill Reservoir to Frere Fountain, Fort	50,093 1 2			
		57,655 5 8		
Advances from Surplus Balances—				
Laying new mains in Reay and Kalachoki Roads and other places.....		797 6 1		
			1,15,385 1 4	
ROADS—				
Executed out of the Miscellaneous Works Loan of Rs. 10,08,500—				
Road through Nowroji Hill from Elphinstone Bridge to Dongree Street	24,141 7 6			
Less—Rent of a house and sale proceeds of building materials, &c.....	1,781 8 0			
		22,359 15 6		
Executed out of the 35 Lakhs Various Sanitary Works Loan—				
Roads and Streets in Agripada and elsewhere	25,239 2 9			
Less—Sale proceeds of building materials, &c.	497 8 4			
		24,741 10 5		
Executed out of the 23¼ Lakhs Loan—				
Wari Bunder Bridge .....Rs. 7,733 15 5				
Less—Sale proceeds of building materials and rent of houses let „ 278 8 0				
	7,455 7 5			
		7,455 7 5		
Executed out of Rs. 15,75,000 Loan—				
Wari Bunder Road.....Rs. 83,114 2 0				
Less—Sale proceeds of materials..... „ 13,065 0 0				
	70,049 2 0			
Victoria Road	30,435 8 0			
		1,00,484 10 0		
Executed out of savings on different Loans—				
Providing and fixing new pattern hydrants for road watering & Fire Brig. purposes..		19,614 7 8		
Executed out of Advances from Surplus Balances—				
Constructing overbridge at Fergusson and DeLisle Roads.....		1,981 0 0		
			1,76,640 3 0	
Loan Works—*contd.* and carried over...Rs.			7,62,856 7 0	
Carried over...Rs.				65,08,861 12 11

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				62,83,783 5 5
Loan Works—*contd.* and brought forward ...Rs.			1,48,513 6 7	
MARKETS—				
Executed out of the Miscellaneous Works Loan of Rs. 10,08,500—				
Portion of cost of site acquired for the Colaba Market		28,060 0 0		
Executed out of the 35 lakhs Various Sanitary Works Loan—				
Government Grant-in-Aid towards the construction of a Primary School on the top floor of the Bhuleshwar Market		33,500 0 0	61,560 0 0	
			2,10,073 6 7	
DEBT—				
First Instalment of Rs. 10 lakhs of the 15¾ lakhs Loan for the construction of Sewerage, Wari Bunder, &c., Roads, Burial ground and certain Water Works			10,00,000 0 0	
Carried over...Rs			12,10,073 6 7	62,83,783 5 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				65,08,861 12 11
Loan Works—*contd.* and brought forward...Rs.			7,62,856 7 0	
MARKETS—				
Executed out of the Miscellaneous Works Loan of Rs. 10,08,500—				
New Market at Colaba		2,316 9 4		
Executed out of the 35 Lakhs Various Sanitary Works Loan—				
Bhuleshwar Market Extension.....	77,051 7 9			
Labourers' Quarters in connection with the Arthur Crawford Markets.....	1,471 7 10			
		78,522 15 7		
Executed out of Savings on different Loans—				
Portion of cost of the site for the Colaba Market	28,060 0 0			
Market at Curry Road	2,000 0 0			
		30,060 0 0		
Fire Brigade Loan of Rs. 4½ lakhs—			1,10,899 8 11	
Land and buildings for the Fire Brigade...		43,556 15 4		
Less—Charged to other heads		330 0 0		
			43,226 15 4	
Executed out of Rs. 15,75,000 Loan—				
Burial Ground for Mahomedans and Beni Israels		219 9 2		
Advanced from Surplus Balances—				
Health Dept. Biggaries' Chawl at Bori Br.		7,725 5 0		
			7,944 14 2	
DEBT—				9,24,927 13 5
REPAYMENT—				*74,33,78[illegible] 10 4
Vehar Water Works Debt..... ...		12,063 4 5		
Drainage Loan of 1878		40,500 0 0		
		52,563 4 5		
Investments of Sinking Fund and Interest accrued thereon—				
On account of 5 per cent. and 4 per cent. Municipal Loans—				
In 5 per cent. and 4 per cent. Municipal Bonds deposited at the Bank of Bombay	3,09,400 0 0			
Cash deposited at the Bank of Bombay..... ...	65,487 5 4			
	3,74,887 5 4			
Less—Amount withdrawn from the Bank to replace value of debentures issued (including sub-division fee).....	66,102 13 4			
		†3,08,784 8 0	‡3,61,347 12 5	
Carried over...Rs.			3,61,347 12 5	74,33,789 10 4

*	Rs.	74,33,789 10 4
Less—Credits on account of different Loan Works—*vide* page 178.....	„	2,10,073 6 7
	Rs.	72,23,716 3 9
Less—Premia on Municipal Loans Sinking Fund Investment (paid out of Invested Fund) *vide* page 173	„	8,067 8 0
	Rs.	72,15,648 11 9
Add—Repayment of Debt and Sinking Fund..... Rs. 3,61,347 12 5		
Investment of the Municipal Buildings Fire Insurance, Worn-out Water Mains Renewal, Net Premia, &c., and School Building Funds (page 185)..... „ 1,42,600 8 7		
	„	5,03,948 5 0
Total expenditure as per statement B (page 12) ..	Rs.	77,19,597 0 9

† For details, *vide* page 119.
‡ Of this, Rs. 1,51,400-12-6 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ....Rs.			12,10,073 6 7	62,83,783 5 5
ADVANCES—				
PERSONAL ACCOUNTS OF MUNICIPAL OFFICERS, &c.—				
Assessor and Collector	461 9 8			
Chief Accountant	90 0 0			
Chief of the Fire Brigade	100 0 0			
Engineer, Drainage	22,625 0 6			
Do. Do. Special	1,600 10 6			
Do. Water	4,610 7 2			
Executive Engineer	28,372 10 2			
Health Officer	10,147 8 8			
Municipal Commissioner	14,871 7 11			
Municipal Secretary	3 11 6			
Superintendent of Licenses	1,162 0 0			
Do. of Markets	256 15 0			
Do. of Printing & Stationery	29 8 4			
		84,331 4 5		
Workshops (Private & Departmental Works)	1,04,226 4 7			
Engineer's Dept. (Departmental Works)	1,33,792 4 4			
Do. (Private Works)	30,882 9 7			
		2,68,901 2 6		
Water Connection Application Forms (Water Works Department)	370 0 0			
Building Certificate Forms (Building Dept.)	284 8 0			
Do. Repair Forms (do.)	266 0 0			
		920 8 0		
PERSONAL ACCOUNTS OF MUNICIPAL CONTRACTORS—				
Teju Kaya & Tulsidas Khimjee & Co.		90 0 0		
GOVERNMENT OF BOMBAY ON ACCOUNT OF LAND CONVEYANCE LICENSES—				
Establishment and contingent charges incurred by the Police Commissioner		117 1 0		
		3,54,359 15 11		
RESERVE STOCK—				
Engineer, Drainage	1,52,430 5 2			
Do. Water	1,00,120 13 2			
General Stock	1,90,107 2 9			
		4,42,658 5 1		
DEPOSITS, &c.—				
BANK OF BOMBAY, &c.—			7,97,018 5 0	
Contractors', &c., Government, &c., Paper Deposit		68,100 0 0		
Surplus Cash—				
Cash Deposit	7,13,862 10 1			
Government, &c., Paper Deposit	9,74,938 9 0			
	16,88,801 3 1			
The Hongkong and Shanghai Banking Corporation—Current Account Deposit	99,163 12 1			
The Comptoir National d'Escompte de Paris—Current Account Deposit	99,169 8 9			
		18,87,134 7 11		
BANK OF BOMBAY—				
Rs. 26,94,000, Drainage & Water Works Loan—				
Cash Deposit	1,697 12 0			
44 Lakhs Sanitary Works Loan—				
Cash Deposit ....Rs. 3,57,523 12 8				
Govt. Paper Deposit ... „ 3,37,659 9 4				
	6,95,183 6 0			
7 Lakhs Sanitary Works Loan—				
Cash Deposit ....Rs. 2,796 6 0				
Muni. Debentures Deposit „ 27,000 0 0				
	29,796 6 0			
Deposits, &c.—*continued* and carried over...Rs.	7,26,677 8 0	19,55,234 7 11		
Carried over...Rs.			20,07,091 11 7	62,83,783 5 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			3,61,347 12 5	74,33,789 10 4
ADVANCES—				
PERSONAL ACCOUNTS OF MUNICIPAL OFFICERS, &c.—				
Assessor and Collector	521 9 8			
Chief Accountant	90 0 0			
Chief of the Fire Brigade.....	300 0 0			
Engineer, Water.....	6,808 13 4			
Do. Drainage	39,368 5 0			
Do. do. Special	2,000 10 6			
Do. Municipal	73,363 1 1			
Health Officer	11,056 2 0			
Municipal Commissioner	15,500 0 0			
Superintendent of Licenses	1,162 0 0			
Do. of Markets	194 8 0			
Do. of Victoria Gardens	500 0 0			
Chairman, Plague Committee	55,500 0 0			
		2,06,365 1 7		
WORKSHOPS (Private & Departmental Works)	1,05,226 3 7			
Engineer's Department (Departmental Works)	1,16,700 11 3			
Do. do. (Private Works).....	76,701 14 6			
		2,98,628 13 4		
Water Connection Application Forms (Water Works Department)	384 4 0			
Building Certificate Forms (Building Dept.)	249 8 0			
Do. Repair Forms (do.)	499 8 0			
		1,133 4 0		
		5,06,127 2 11		
RESERVE STOCK—				
Engineer, Executive	8,862 6 2			
Do. Drainage	1,64,118 6 0			
Do. Water	1,02,846 12 2			
General Stock	1,92,011 15 7			
		4,67,839 7 11		
			9,73,966 10 10	
DEPOSITS, &c.—				
BANK OF BOMBAY, &c.—				
Contractors' Govt., &c., Paper Deposit		34,400 0 0		
Surplus Cash—				
Cash Deposit	7,09,509 8 10			
Government, &c., Paper Deposit.....	1,08,500 0 0			
	8,18,009 8 10			
Hongkong and Shanghai Banking Corporation—Current Account Deposit	1,00,163 12 1			
Comptoir National d'Escompte de Paris —Current Account Deposit	1,00,169 8 9			
		10,18,342 13 8		
Deposits, &c.—*contd.* and carried over...Rs.		10,52,742 13 8		
Carried over...Rs.			13,35,314 7 3	74,33,789 10 4

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			20,07,091 11 7	62,83,783 5 5
Deposits, &c.—*continued* and brought forward ...Rs.	7,26,677 8 0	19,55,234 7 11		
BANK OF BOMBAY—*continued.*				
12 Lakhs Drainage and Water Works Loan—				
Cash Deposit.....Rs. 1,24,124 7 4				
Govt. Paper ..... „ 1,14,568 12 0				
	2,38,693 3 4			
Miscellaneous Works Loan (Rs. 10,08,500)—				
Cash Deposit.....	11,984 13 0			
Rs. 2,48,000 Agripada House Sullage Water Connections Loan—				
Cash Deposit .....Rs. 798 12 0				
Munl. Debentures Deposit „ 1,000 0 0				
	1,798 12 0			
8 Lakhs Municipal Building Loan—				
Munl. Debentures Deposit	67,000 0 0			
4½ Lakhs Loan for Fire Brigade Quarters and Stations—				
Cash Deposit .....Rs. 119 12 0				
Munl. Debentures Deposit „ 6,000 0 0				
	6,119 12 0			
23¼ Lakhs Loan for Drainage and other Works—				
Fixed Deposits with—				
The Credit Lyonnais .....Rs. 1,50,000 0 0				
The Comptoir National d'Escompte de Paris ... „ 1,50,000 0 0				
3,00,000 0 0				
Current Account Deposit with—				
The Comptoir National d'Escompte de Paris ...Rs. 2,50,000 0 0				
	5,50,000 0 0			
15¾ Lakhs Sewerage, Wari Bunder, &c., Roads, Burial ground and certain Water Works Loan—				
Bank of Bombay Govt., &c., Paper deposit...Rs. 13,02,080 14 10				
Cash deposit..... „ 2,98,920 13 8				
16,01,001 12 6				
Fixed Deposits with—				
The National Bank of India.....Rs. 2,00,000				
The Comptoir National d'Escompte de Paris..... „ 1,00,000				
The Hongkong and Shanghai Banking Corporation ... „ 1,00,000				
The Chartered Bank of India, Australia and China..... „ 1,00,000				
5,00,000 0 0				
	21,01,001 12 6	37,03,275 12 10		
Deposits, &c.—*continued* and carried over...Rs.		56,58,510 4 9		
			20,07,091 11 7	62,83,783 5 5
Carried over...Rs.				

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			13,35,314 7 3	74,33,789 10 4
Deposits—*contd.* and brought forward.....Rs.		10,52,742 13 8		
BANK OF BOMBAY—*contd.*				
Rs. 26,94,000 Drainage & Water Works Loan—Cash Deposit	1,697 12 0			
44 Lakhs Sanitary Works Loan Cash Deposit	3,57,523 12 8			
7 do. do. do. ...	2,796 6 0			
12 Lakhs Drainage and Water Works Loan Cash Deposit	1,24,124 7 4			
Mis. Works (Rs. 10,08,500) Loan Cash Deposit.	11,984 13 0			
Rs. 2,48,000 Agripada House Sullage Water Connections Loan Cash Deposit	798 12 0			
4½ Lakhs Loan for Fire Brigade Quarters and Stations Cash Deposit	119 12 0			
23¼ Lakhs Loan for Drainage and other Works—				
FIXED DEPOSITS WITH—				
The Chartered Bank of India, Australia and China.....Rs. 1,50,000				
The Comptoir National d'Escompte de Paris..... „ 1,00,000				
Rs. 2,50,000				
Current Account Deposit with—				
The Comptoir National d'Escompte de Paris..... „ 2,50,000				
	5,00,000 0 0			
BANK OF BOMBAY—				
15¾ lakhs Sewerage, Wari Bunder, &c., Roads, Burial ground and certain Water Works Loan—				
Cash deposit.....Rs. 13,02,080 14 10				
Government, &c., Paper „ 9,99,670 13 8				
Rs. 23,01,751 12 6				
FIXED DEPOSITS WITH—				
The National Bank of India.....Rs. 2,00,000				
The Comptoir National d'Escompte de Paris.....„ 1,00,000				
The Hongkong and Shanghai Banking Corporation..... „ 1,00,000				
The Chartered Bank of India, Australia and China ..... „ 1,00,000				
5,00,000 0 0				
	28,01,751 12 6			
Deposits—*continued* and carried over .....Rs.	38,00,797 7 6	10,52,742 13 8		
Carried over...Rs.			13,35,314 7 3	74,33,789 10 4

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—continued and brought forward.....Rs.			20,07,091 11 7	62,83,783 5 5
Deposits, &c.—*continued* and brought forward ...Rs.		56,58,510 4 9		
BANK OF BOMBAY—*continued.*				
Municipal Buildings Fire Insurance Fund—				
Cash Deposit	1,076 10 0			
Worn-out Water Mains Renewal Fund—				
Cash Deposit	13,667 9 6			
Net Premia, &c., Fund—				
Munl. Debentures Deposit. Rs. 7,944 9 4				
Cash Deposit ..... „ 14,164 4 5				
	22,108 13 9	36,853 1 3		
		56,95,363 6 0		
Deposits from Contractors, &c. in Cash..... Rs.3,53,010 6 3				
Do. on account of works performed for private parties ... „ 7,671 0 10				
	3,60,681 7 1			
Do. from Contractors, &c. (Govt. Paper kept in Office) ...	5,900 0 0			
Do. do. do. (Govt., &c., Paper lodged at the Bank of Bombay).	34,400 0 0			
	4,00,981 7 1			
Govt. of Bombay on account of Income Tax—				
Through Chief Accountant on estabts. Rs. 15,980 11 7				
„ „ on account of Wheel Tax..... „ 6,886 0 0				
„ Assessor and Collector ..... „ 140 0 0				
	23,006 11 7	4,23,988 2 8		
			61,19,351 8 8	81,26,443 4 3
			Total...Rs.	1,44,10,226 9 8

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1897—*concld.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			13,35,314 7 8	74,33,789 10 4
Deposits—*contd.* and brought forward.....Rs.	38,00,797 7 6	10,52,742 13 8		
BANK OF BOMBAY—*continued.*				
Municipal Buildings Fire Insurance Fund—				
Cash Deposit..... Rs. 1,195 2 0				
Munl. Debentures Deposit „ 4,000 0 0				
	(*a*) 5,195 2 0			
Worn-out Water Mains Renewal Fund—				
Cash Deposit ..... Rs. 13,624 11 0				
Munl. Debentures Deposit „ 38,000 0 0				
	(*b*)51,624 11 0			
Net Premia, &c., Fund—				
Cash Deposit..... Rs. 13,942 12 2				
Munl. Debentures Deposit „ 50,623 8 8				
	(*c*)64,566 4 10			
School Building Fund—				
Cash Deposit .....Rs. 468 3 8				
Govt. Paper Deposit ..... „ 49,531 12 4				
	(*d*)50,000 0 0			
		39,72,183 9 4		
		50,24,926 7 0		
Deposits from Contractors and others (in Cash).	3,17,488 7 8			
Deposits on account of works performed for private parties	102 2 1			
Deposits from Contractors, &c. (in Govt. Paper kept in Office)...	4,700 0 0			
Do. do. do. (in Govt. Paper lodged at the Bank of Bombay).....	68,100 0 0			
Govt. of Bombay on account of Income Tax—				
Through Chief Accountant—				
On Establishments ..... Rs. 15,979 7 11				
On Wheel Tax ..... „ 6,468 0 0				
Through Assessor and Collector—				
On Wheel Tax ..... „ 160 0 0				
Rs. 22,607 7 11				
Loan Works Establishment. „ 60 0 0				
	22,667 7 11			
		4,13,058 1 8		
			54,37,984 8 8	
				67,73,298 15 11
				1,42,07,088 10 3
Cash Balance (in Bank and Office Treasuries) on 31st March 1897 ..				2,03,137 15 5
			Total ...Rs	1,44,10,226 9 8

		Rs. a. p.	Rs. a. p.
(*a*)	.....	5,195 2 0	
	Less—Amount withdrawn from the Bank to replace the value of Debentures issued from the Surplus Cash Deposit Account (including the arrears of interest due thereon) *vide* page 184	1,076 10 0	4,118 8 0
(*b*)	.....	51,624 11 0	
	Less—Amount withdrawn from the Bank to replace the value of Debentures issued from the Surplus Cash Deposit Account (including the arrears of interest due thereon) *vide* page 184	13,667 9 6	37,957 1 6
(*c*)	.....	64,566 4 10	
	Less—Amount withdrawn from the Bank to replace the value of Debentures issued from the Surplus Cash Deposit Account (including the arrears of interest due thereon) *vide* page (Rs. 22,108-13-0 minus Rs. 8,067-8-0 withdrawn to meet premia on investments of Sinking Fund Instalments—*vide* pages 173 & 184.....	14,041 5 9	50,524 15 1
(*d*)	.....		50,000 0 0
	Total invested amount as shown at page 83 ..Rs.		1,42,600 8 7

P. C. H. SNOW,
Municipal Commissioner.

No. 4.

MUNICIPAL FUND.

Schedule of Liabilities on 31st March 1897.

LIABILITIES.			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Government of Bombay on account of Vehar Debt				45,21,943 7 9		
Less—Paid in years prior to 1886-87			15,07,704 4 11			
Do. 1886-87			55,812 1 5			
Do. 1887-88			59,583 14 9			
Do. 1888-89			60,352 7 3			
Do. 1889-90			62,783 6 2			
Do. 1890-91			65,341 4 5			
Do. 1891-92			67,986 2 5			
Do. 1892-93	Rs.	70,798 10 10				
Deduct—Difference between the amount paid towards the reduction of the Debt from January to March 1893 at the larger rate of instalment and the amount actually due from January 1893 to March 1894 at the reduced rate, refunded by Government in 1893-94	„	3,092 5 7				
			67,706 5 3			
Paid in 1894-95			9,533 2 0			
Do. 1895-96			11,549 3 4			
Do. 1896-97			12,063 4 5			
				19,80,415 8 4		
					25,41,527 15 5	
						25,41,527 15 5
5 per cent. Drainage Loan of 1878 (Rs. 26,94,000)				27,00,000 0 0		
Deduct—Bonds not issued				6,000 0 0		
				26,94,000 0 0		
Less—Paid in 1880			22,000 0 0			
Do. 1881			23,500 0 0			
Do. 1882			24,500 0 0			
Do. 1st quarter of 1883			26,000 0 0			
Do. 1883-84			27,000 0 0			
Do. 1884-85			28,500 0 0			
Do. 1885-86			30,000 0 0			
Do. 1886-87			31,000 0 0			
Do. 1887-88			25,500 0 0			

Do. 1888-89		42,500 0 0				
Do. 1889-90		35,500 0 0				
Do. 1890-91		34,000 0 0				
Do. 1891-92		36,500 0 0				
Do. 1892-93		48,000 0 0				
Do. 1893-94		45,500 0 0				
Do. 1894-95		34,000 0 0				
Do. 1895-96		60,500 0 0				
Do. 1896-97		40,500 0 0				
				6,15,000 0 0		
5 per cent. 44 Lakhs Sanitary Works Loan of 1885-86					20,79,000 0 0	
Less—Paid in 1886-87				44,00,000 0 0		
Do. 1887-88		7,000 0 0				
Do. 1890-91		4,43,000 0 0				
Do. 1895-96		51,000 0 0				
		1,60,000 0 0				
				6,61,000 0 0		
5 per cent. 7 Lakhs Sanitary Works Loan of 1888					37,39,000 0 0	
Do. 12 Lakhs Drainage and Water Works Loan—					7,00,000 0 0	
Instalment raised in 1887-88		6,00,000 0 0				
Do. do. 1888-89		6,00,000 0 0				
				12,00,000 0 0		
Add—Net Premium received in 1888-89				26,887 8 0		
				12,26,887 8 0		
Less—Premium transferred to current revenue as per Municipal Corporation's Resolution No. 9222, dated 11th December 1893				26,887 8 0		
5 per cent. Miscellaneous Works Loan of Rs. 10,08,500—					12,00,000 0 0	
Instalment raised in 1888-89 (Rs. 2,22,000 + Rs. 1,48,500)		3,70,500 0 0				
Do. 1889-90		6,38,000 0 0				
				10,08,500 0 0		
Add—Net Premium received in 1888-89		13,232 4 6				
Do. do. 1889-90		40,616 14 0				
				53,849 2 6		
				10,62,349 2 6		
Less—Premium transferred to current revenue as per Corporation's Resolution No. 9222, dated 11th December 1893				53,849 2 6		
					10,08,500 0 0	
Carried over ... Rs.					87,26,500 0 0	25,41,527 15 5

MUNICIPAL FUND—Schedule of Liabilities on 31st March 1897—*continued.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward.....Rs.			87,26,500 0 0	25,41,527 15 5
5 per cent. Agripada House Sullage Water Connections Loan of Rs. 2,48,000—				
Instalment raised in 1889-90	94,000 0 0			
Balance raised in 1890-91	1,54,000 0 0	2,48,000 0 0		
Add—Net Premium received in 1890-91		4,722 8 0		
		2,52,722 8 0		
Less—Premium transferred to current revenue as per Corporation's Resolution No. 9222, dated 11th December 1893		4,722 8 0	2,48,000 0 0	
5 per cent. 35 Lakhs Various Sanitary Works Loan—				
Raised in 1890-91	34,47,000 0 0			
Balance raised in 1891-92	53,000 0 0	35,00,000 0 0		
Add—Net Premium received in 1890-91	81,252 5 2			
Less—Stamp, &c., charges paid on the bonds for Rs. 53,000 issued in 1891-92	283 1 0	80,969 4 2		
		35,80,969 4 2		
Less—Premium transferred to current revenue as per Corporation's Resolution quoted above		80,969 4 2	35,00,000 0 0	
5 per cent. Tansa Water Works Loan of Rs. 147 Lakhs—				
Instalment raised in 1886-87	17,00,000 0 0			
Do. 1887-88	30,00,000 0 0			
Do. 1888-89	25,00,000 0 0			
Do. 1889-90	25,00,000 0 0			
Do. 1890-91	25,00,000 0 0			
Do. 1891-92	25,00,000 0 0	1,47,00,000 0 0		
Add—Net Premium received on the instalment raised in 1888-89	1,47,540 12 0			
Do. do. do. 1889-90	74,724 15 4			
Do. do. do. 1890-91	34,140 5 8			
	2,56,406 1 0			

Deduct—Stamp, &c., charges paid on the bonds of the last instalment of Rs. 25 Lakhs issued in 1891-92	12,566 6 6			
		2,43,839 10 6		
		1,49,43,839 10 6		
Less—Premium transferred to current revenue as per Corporation's Resolution quoted above		2,43,839 10 6		
			1,47,00,000 0 0	
5 per cent. Municipal Building Loan of 8 Lakhs issued in 1891-92			8,00,000 0 0	
4 per cent. Loan of 4½ Lakhs for Fire Brigade Quarters and Stations—				
Issued in 1892-93		2,50,000 0 0		
Raised in 1893-94		2,00,000 0 0		
			4,50,000 0 0	
4 per cent. Loan of 42 Lakhs for repayment of balance of the 4½ per cent. Government Consolidated Loan—Raised in 1893-94			42,00,000 0 0	
4 per cent. Loan of 23¼ Lakhs for the construction of Drainage, Water Works, Roads and other works—				
Raised in 1893-94		13,00,000 0 0		
Do. in 1895-96		10,25,000 0 0		
			23,25,000 0 0	
Loan of 15¾ Lakhs for the construction of Sewerage, Wari Bunder, &c., Roads, Burial ground, and certain Water Works—				
Instalment raised in 1896-97			10,00,000 0 0	
				3,59,49,500 0 0
DEPOSITS—				3,84,91,027 15 5
Deposits on account of works performed for private parties	8,878 5 3			
Do. of Contractors, &c. (in cash)	2,95,183 15 4			
		3,04,062 4 7		
Do. of Contractors' Government, &c., Paper (lodged at the Bank of Bombay)	1,66,100 0 0			
Do. do. do. (kept in office)	1,200 0 0			
Do. on account of Sir Munguldas Nuthoobhoy's Clock	500 0 0			
		1,67,800 0 0		
			4,71,862 4 7	
Government of Bombay on account of Income Tax—				
Through Chief Accountant on account of Establishments		53 5 8		
Do. do. do. Wheel Tax		418 0 0		
			471 5 8	
			4,72,333 10 3	
Loan Works Establishment, Executive Engineer's Department			17,869 15 8	
				4,90,203 9 11
			Total Liabilities...Rs.	3,89,81,231 9 4

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

No. 5.

MUNICIPAL FUND.

Schedule of Assets on 31st March 1897.

ASSETS.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
Cash Balance on 31st March 1897										2,03,137	15	5			
ADVANCES RECOVERABLE—															
Municipal Officers, &c.—															
Assessor and Collector	700	0	0												
Chief of the Fire Brigade	400	0	0												
Engineer, Water	2,941	12	2												
Do. Municipal	45,611	12	7												
Do. Drainage	17,466	0	6												
Do. do. Special	400	0	0												
Health Officer	1,138	14	4												
Municipal Commissioner	3,259	8	1												
Municipal Secretary	50	0	0												
Secretary and Curator, Victoria and Albert Museum	400	0	0												
Superintendent of Markets	111	4	0												
Do Municipal Workshops	35	0	0												
Do. Victoria Gardens	800	0	0												
	73,314	3	8												
Chairman, Plague Committee	55,500	0	0												
				1,28,814	3	8									
Workshops (Private and Departmental Works)	14,061	3	3												
Engineer's Department (Private Works)	48,359	7	5												
Do. do (Departmental Works)	2,095	15	1												
				64,516	9	9									
Contractors, &c.—															
Water Connection Application Forms (W. W. Dept.).Rs. 35 4 0				1,93,330	13	5									
Building Certificate Forms (Building Dept.) „ 148 8 0															
Do. Repairs do. (do.) „ 276 0 0	459	12	0												
Littlewood and Palanjee Rs. 300 0 0															
Bulkley & Co. „ 1,800 0 0	2,100	0	0												
				2,559	12	0									
							1,95,890	9	5						
INVESTMENTS—															
Bank of Bombay Surplus Cash (Munl. Debentures&Govt.Paper) Deposit	16,00,750	0	0												
Current Account Deposit of Surplus Funds with the Hongkong and Shanghai Banking Corporation	1,000	0	0												
Do do. do. with the Comptoir National d'Escompte de Paris	1,000	0	0												
				16,02,750	0	0									
Bank of Bombay, Rs. 26,94,000, Drainage Loan of 1878 (Municipal Debentures) Deposit	34,000	0	0												

Do.	7 Lakhs Santy. Works Loan (Muni. Debentures) Deposit			29,000	0	0		
Do.	12 Lakhs Drainage and Water Works Loan (Government Paper) Deposit			1,04,606	4	0		
Do.	Miscl. Works (10,08,500) Loan (Govt.&c., Paper) Deposit			2,69,625	0	0		
Do.	Agripada House Sullage Water Connections Loan (2,48,000) Municipal Debentures Deposit			15,000	0	0		
23¼ Lakhs Loan for Drainage and other works—Fixed Deposits with—								
The Comptoir National d'Escompte de Paris	Rs.	1,00,000	0 0					
The Hongkong and Shanghai Banking Corporatn.	,,	1,50,000	0 0					
The Chartered Bank of India, Australia and China	,,	1,50,000	0 0					
				4,00,000	0	0		
Bank of Bombay 15¾ Lakhs Sewerage Wari Bunder, &c., Roads, Burial Ground and certain Water Works Loan (Govt., &c., Paper) Deposit				7,00,750	0	0		
Bank of Bombay Municipal Buildings Fire Insurance Fund—							15,52,981	4 0
Municipal Debentures Deposit	Rs.	28,000	0 0					
Cash Deposit	,,	224	10 4					
				28,224	10	4		
Do. Worn-out Water Mains Renewal Fund—								
Municipal Debentures Deposit	Rs.	3,09,000	0 0					
Cash Deposit	,,	3	10 10					
				3,09,003	10	10		
Do. The Net Premia, &c., Fund—								
Municipal Debentures Deposit	Rs.	3,21,123	8 8					
Cash Deposit	,,	244	2 1					
				*3,21,367	10	9		
Do. School Building Fund—								
Municipal Debentures Deposit	Rs.	49,531	12 4					
Cash Deposit	,,	468	3 8					
				50,000	0	0		
							7,08,595	15 11
Do. 5 per cent. Municipal Loans Sinking Fund—								
Municipal Debentures Deposit	Rs.	12,65,500	0 0					
Cash Deposit	,,	19	9 8					
							38,64,327	3 11
Do. 4 per cent. Municipal Loans Sinking Fund—				12,65,519	9	8		
Municipal Debentures Deposit	Rs.	3,00,000	0 0					
Cash Deposit	,,	189	7 0					
				3,00,189	7	0		
							15,65,709	0 8
Do. Contractors' Government, &c., Paper Deposit							54,30,036	4 7
Do. Government Paper Deposit on account of Sir Munguldas Nathoobhoy's Clock				1,66,100	0	0		
				500	0	0		
							1,66,600	0 0
Carried over	Rs.							55,96,636 4 7
								57,92,526 14 0
								59,95,664 13 5
								59,95,664 13 5

* Of this, Rs. 80,867-12-0 belong to the Water Works Account.

MUNICIPAL FUND—Schedule of Assets on 31st March 1897—*continued.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.					59,95,664 13 5
RESERVE STOCK—					
General Stock (Miscellaneous)			67,560 3 3		
Engineer, Water			4,43,965 5 4		
Do. Drainage			3,81,452 13 9		
Do. Executive			8,862 6 2		
				9,01,840 12 6	
PROPERTY AND BUILDINGS BOOKED—					
Bandora Slaughter-houses	2,34,297 12 8				
Workshop and Store Shed	1,49,079 7 1				
Girgaum Police Court (share of)	34,000 0 0				
		4,17,377 3 9			
Markets—					
Nal Bazar Market	1,50,770 1 7				
Fort Market	22,066 7 11				
Bhuleshwar Market	64,780 15 4				
Arthur Crawford Market	11,39,410 11 6				
		13,77,028 4 4			
		17,94,405 8 1			
PROPERTY, &c., not booked (as per Valuation List of 1883-84)		*45,37,835 11 11			
			63,32,241 4 0		
ROADS, OVERBRIDGES, DRAINAGE, WATER AND OTHER WORKS EXECUTED OUT OF LOAN FUNDS—					

	Up to 1895-96. Rs. a. p.	1896-97. Rs. a. p.	Total.			
I. Overbridges	1,97,563 0 1	.....	1,97,563 0 1			
II. Foras Road	1,12,418 14 10	.....	1,12,418 14 10			
III. Nowrojee Hill Road	57,913 3 0	.....	57,913 3 0			
	3,67,895 1 11	.....	3,67,895 1 11	3,67,895 1 11		
Drainage Works—						
I. Fort Sewers	78,627 4 8	.....	78,627 4 8			
II. Kamathipura Drain	1,91,047 8 10	.....	1,91,047 8 10			
III. Drains in Fanaswadi and Agiary Lane	1,852 12 3	.....	1,852 12 3			
IV. Branch Sewer, Bellasis Road	7,108 6 1	.....	7,108 6 1			
	2,78,635 15 10	.....	2,78,635 15 10	2,78,635 15 10		
Total Overbridges, Roads, &c. Rs.	6,46,531 1 9	.....	6,46,531 1 9	6,46,531 1 9		
LOAN WORKS—						
SURFACE DRAINAGE—						
Executed out of the Rs. 6 lakhs included in the Government Consolidated Loan and Rs. 8,12,000 Loan (one of the three Sanitary Works Loans aggregating Rs. 44 lakhs)—						
Widening Love Grove Sluices	1,57,326 7 7	.....	1,57,326 7 7			
Culverts, &c., under B. B. & C. I. Railway near Bellasis Road	1,791 0 8	.....	1,791 0 8			
Khetwadi Survey	5,599 10 0	.....	5,599 10 0			

Raising level of Khetwadi Road	28,355	0	1	.....	28,355	0	1					
Do. private compounds in Khetwadi.	25,336	2	1	.....	25,336	2	1					
Three branch drains in Khetwadi and storm-water entrances	31,711	15	6	.....	31,711	15	6					
Intercepting drain, Tardeo District, and storm-water entrances	1,69,851	10	4	.....	1,69,851	10	4					
Making connection between low-level sewer and new main drain	2,610	8	10	.....	2,610	8	10					
Intercepting drain from Pydhoni to Bellasis Road and storm-water entrances..	3,03,229	3	9	.....	3,03,229	3	9					
Enlarging old open main drain	71,318	13	5	.....	71,318	13	5					
Laying a new 24" main and removing old 24" Tulsi main and filling up the Haines Road entrances	74,226	14	0	.....	74,226	14	0					
Constructing Storage Reservoir on the Flats and raising level of manholes in sewers	1,86,225	12	6	.....	1,86,225	12	6					
Establishment.....	1,21,413	0	0	.....	1,21,413	0	0					
Contingencies	63,627	6	11	.....	63,627	6	11					
Improving the Worlee storm-water drain, widening the channel south of Love Grove Sluices and other petty works..	79,510	9	7	.....	79,510	9	7					
Total Surface Drainage Works ..Rs.	13,22,134	3	3	.....	13,22,134	3	3	13,22,134	3	3		
DRAINAGE, *viz.*—												
Executed out of the Drainage Works portion of the Loan of Rs. 26,94,000 of 1878—												
Main Sewers.....	4,92,691	8	2	.....	4,92,691	8	2					
Pipe Sewers	2,77,267	13	4	.....	2,77,267	13	4					
Outfall Sewers.....	2,55,766	10	0	.....	2,55,766	10	0					
New Pumping Machinery.....	98,289	9	6	.....	98,289	9	6					
New Engine-house.....	95,742	3	9	.....	95,742	3	9					
Kamathipura Drainage	76,471	4	6	.....	76,471	4	6					
Clerk Road Ovoid Sewer	39,259	5	11	.....	39,259	5	11					
Government Commission Charges	5,211	15	9	.....	5,211	15	9					
Preliminary Expenses	13,429	6	5	.....	13,429	6	5					
Departmental Works.....	1,072	1	3	.....	1,072	1	3					
Compensation for Land	18,831	11	1	.....	18,831	11	1					
Proportion of cost of Repairs to Roads (opened for the works)	34,372	14	7	.....	34,372	14	7					
Miscellaneous Charges	22,302	15	7	.....	22,302	15	7					
Establishment	1,45,000	0	0	.....	1,45,000	0	0					
Contingencies	51,167	7	9	.....	51,167	7	9					
Repairs to old Main Drain at Falkland Road	2,093	13	5	.....	2,093	13	5					
	16,28,970	13	0	.....	16,28,970	13	0					
Drainage Works continued & carried over Rs.	16,28,970	13	0	.....	16,28,970	13	0					
Loan Works continued and carried over Rs.	19,68,665	5	0	.....	19,68,665	5	0	19,68,665	5	0		
				Carried over...Rs.							63,32,241	4 0
											9,01,840	12 6
											59,95,664	13 5

* Property, &c., of the value of Rs. 16¼ lakhs for property, &c., acquired since 1883-84 also remains unbooked, *vide* page 121.

MUNICIPAL FUND—Schedule of Assets on 31st March 1897—*continued.*

	Up to 1895-96. Rs. a. p.	1896-97. Rs. a. p.	Brought forward ...Rs. Total. Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
						63,32,241 4 0	9,01,840 12 6	59,95,664 13 5
Loan Works continued and brought forward.	19,68,665 5 0	.....	19,68,665 5 0	19,68,665 5 0	19,68,665 5 0			
Drainage Works continued & brought forward	16,28,970 13 0	.....	16,28,970 13 0	16,28,970 13 0				
Executed out of 15 Lakhs Loan (one of the three Sanitary Works Loans of 1885-86 aggregating Rs. 44 Lakhs)—								
House connections without privy fittings, 1st Drainage Section	2,37,821 1 5	54,568 9 6	2,92,389 10 11					
Shaft ventilators throughout the 1st Drainage Section	44,947 0 6	.....	44,947 0 6					
Closing storm-water openings in Frere Road Sewer	17,108 9 6	.....	17,108 9 6					
Two more Pumping Engines	98,438 1 9	.....	98,438 1 9					
Queen's Road Intercepting Sewer	1,53,969 0 0	.....	1,53,969 0 0					
House Connections Survey	4,561 13 3	.....	4,561 13 3					
Do. (Kamathipura Drainage)	34,977 7 5	.....	34,977 7 5					
Establishment Charges	88,869 0 0	.....	88,869 0 0					
	6,80,692 1 10	54,568 9 6	7,35,260 11 4	7,35,260 11 4				
Executed out of Rs. 20,88,000 Loan (one of the three Sanitary Works Loans of 1885-86 aggregating Rs. 44 Lakhs)—								
Pipe Sewer from Clare Road along south portion of Haines and DeLisle Roads	1,14,260 0 7	.....	1,14,260 0 7					
Pipe Sewer from Parel Workshops to Clarke Road Ovoid Sewer	65,793 9 11	.....	65,793 9 11					
Extension of Clarke Road Ovoid Sewer to Parel Road	35,569 8 0	.....	35,569 8 0					
Ovoid Sewer across the Old Race Course	59,746 13 2	.....	59,746 13 2					
Ovoid Sewer from the Crawford Markets down Hornby Road to Bazar Gate, thence to the Mint	89,401 11 9	.....	89,401 11 9					
Establishment	36,309 0 0	.....	36,309 0 0					
	4,01,080 11 5	.....	4,01,080 11 5	4,01,080 11 5				
Executed out of the 7 Lakhs Sanitary Works Loan of 1888—								
Excess expenditure incurred on the Queen's Road Intercepting Sewer	9,633 10 8	.....	9,633 10 8					
Fort Drainage	3,67,877 1 11	545 8 10	3,68,422 5 9					
Establishment Charges	39,419 0 0	.....	39,419 0 0					
Side Drain along Wadi Bunder Road	4,934 0 1	.....	4,934 0 1					
Pipe Sewer in certain lanes in Khetwadi	5,282 6 0	.....	5,282 6 0					
New works at Love Grove Pumping Station.	34,645 9 6	.....	34,645 9 6					
	4,61,791 12 2	545 8 10	4,62,337 0 0	4,62,337 0 0				

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MUNICIPAL FUND—Schedule of Assets on 31st March 1897—*continued.*

	Up to 1895-96 Rs. a. p.	Brought forward.....Rs. 1896-97. Rs. a. p.	Total. Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Loan Works continued and brought forward...	19,68,665 5 0	.....	19,68,665 5 0	19,68,665 5 0	19,68,665 5 0		
Drainage Works continued & brought forward	61,14,101 0 9	4,60,950 12 6	65,75,051 13 3	65,75,051 13 9			
Executed out of Savings on different Loans—							
Main sewerage of Parel	22,121 7 8	.....	22,121 7 8				
Arching over with brick masonry the main drain at Arthur Road crossing ...	15,655 0 4	.....	15,655 0 4				
Laying branch pipe sewers in the village of Parel	17,527 13 11	.....	17,527 13 11				
Completing the storm-water drain from the top of Bazar Gate Street to the Salvation Army Hall, Hornby Road ...	14,460 2 7	.....	14,460 2 7				
9" Pipe Sewer in Lalwadi	2,087 8 2	.....	2,087 8 2				
Pipe Sewer in Curry Road	2,595 15 5	.....	2,595 15 5				
Sewerage of Parel on the gravitation system	58,127 13 3	.....	58,127 13 3				
Storm-water drain in Cruicksbank Road.	17,337 6 0	.....	17,337 6 0				
Laying a 9" pipe line at Parel village ...	878 7 8	.....	878 7 3				
Laying 9" pipes for the carriage of storm-water to the sea from the eastern half of the Wodehouse Road	.....	711 5 10	711 5 10				
Constructing a catch pit on the Mint Rd. Sewer opposite European Genl. Hospl.	.....	11 15 0	11 15 0				
Altering and ovoiding storm-water drain in Girgaum	.....	775 0 0	775 0 0				
Constructing a storm-water drain in Khetwadi	.....	925 0 0	925 0 0				
Draining the storm-water from the Public Rd. round the Mahaluxmi Dhobiwada	.....	447 1 4	447 1 4				
Converting the old Engine-house at Love Grove into an office and godown and constructing a shred-lifter chamber with four shred-lifters	.....	3,500 0 0	3,500 0 0				
	1,50,791 10 7	6,370 6 2	1,57,162 0 9	1,57,162 0 9			
Advanced from Surplus Balances—							
Establishment charges for the preparation of plans and estimates for the sewerage of Mazagon, Parel, and Old Race Course Districts and other works	23,215 0 0	.....	23,215 0 0				
Tracing the plans and sections of the Parel, Mazagon, and Old Race Course Districts	1,087 15 3	.....	1,087 15 3				
Survey for pipe sewers in Oomercarry and other districts	11,621 6 1	.....	11,621 6 1				
Establishment for altering drawings for sewerage of the district of Oomercarry..	458 6 9	.....	458 6 9				
	36,382 12 1	.....	36,382 12 1	36,382 12 1			
Total Drainage Works Rs...	63,01,275 7 5	4,67,321 2 8	67,68,596 10 1	67,68,596 10 1	67,68,596 10 1	63,32,241 4 0	9,01,840 12 6	59,95,664 13 5

WATER WORKS—								
Vehar Lake	45,21,943 7 9	.....	45,21,943 7 9	45,21,943 7 9				
Tulsi Water Works	37,61,888 6 0	.....	37,61,888 6 0					
Vehar Outlet Tower	2,38,111 10 0	.....	2,38,111 10 0					
	40,00,000 0 0	.....	40,00,000 0 0					
Service Reservoir at Bhundarwada (executed out of the Loan of Rs. 26,94,000)	10,16,830 13 3	.....	10,16,830 13 3					
	50,16,830 13 3	.....	50,16,830 13 3	50,16,830 13 3				
Executed out of 15 Lakhs Loan (one of the 3 Sanitary Works Loans aggregating Rs. 44 Lakhs)—								
Tulsi Gathering ground	60,000 0 0	.....	60,000 0 0					
Malabar Hill Reservoir	4,00,000 0 0	.....	4,00,000 0 0					
	4,60,000 0 0	.....	4,60,000 0 0					
Executed out of the Rs. 20,88,000 Loan (one of the 3 Sanitary Works Loans aggregating Rs. 44 Lakhs)—								
New Hydrants, including cost of erection	20,876 7 1	.....	20,876 7 1					
Tulsi Gathering ground	34,500 0 0	.....	34,500 0 0					
Construction of a double-storied Chawl for the Water Works Staff and Quarters for the Superintendent	29,182 3 3	.....	29,182 3 3					
Survey for New Catch-water Channels, &c.	7,838 4 1	.....	7,838 4 1					
Construction of Filter-beds at Vehar	1,04,433 15 11	.....	1,04,433 15 11					
Improvement of the water-supply of the Outlying Districts	6,82,065 0 8	.....	6,82,065 0 8					
Raising the Tulsi Dams	1,13,257 9 7	.....	1,13,257 9 7					
Providing additional Catch-water Channels at Vehar and Tulsi	91,794 0 6	.....	91,794 0 6					
Purchase of Check Meters for the prevention of waste of water	1,27,132 14 8	.....	1,27,132 14 8					
Enlarging different Mains	1,03,130 8 6	.....	1,03,130 8 6					
Cost of new Water Main from Nesbit Road to Baboola Tank	15,000 0 0	.....	15,000 0 0					
Establishment Charges	80,770 0 0	.....	80,770 0 0					
Portion of excess cost incurred on Vehar Outlet Tower	23,684 11 9	.....	23,684 11 9					
Provision of Turbine at the Malabar Hill Reservoir	2,282 0 0	.....	2,282 0 0					
	14,35,947 12 0	.....	14,35,947 12 0					
	18,95,947 12 0	.....	18,95,947 12 0	18,95,947 12 0				
Water Works continued and carried over Rs.	1,14,34,722 1 0	.....	1,14,34,722 1 0	1,14,34,722 1 0				
Loan Works continued and carried over Rs.	82,69,940 12 5	4,67,321 2 8	87,37,261 15 1	87,37,261 15 1	87,37,261 15 1			
			Carried over...Rs.			63,32,241 4 0	9,01,840 12 6	59,95,664 13 5

MUNICIPAL FUND—Schedule of Assets on 31st March 1897—*continued.*

	Up to 1895-96.	1896-97.	Total.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Rs. a. p.	Rs. a. p.	Rs. a. p.					
		Brought forward.....Rs.					63,32,241 4 0	9,01,840 12 6	59,95,664 13 5
Loan Works continued and brought forward.	82,69,940 12 5	4,67,321 2 8	87,37,261 15 1	87,37,261 15 1	87,37,261 15 1			
Water Works continued and brought forward.	1,14,34,722 1 0	.....	1,14,34,722 1 0	1,14,34,722 1 0				
Executed out of the 7 *Lakhs* Sanitary Works Loan—								
Malabar Hill Reservoir (extra cost)	1,14,039 2 6	.....	1,14,039 2 6					
Increasing and improving the distribution of the water-supply and providing higher levels, Tulsi District with filtered water.	20,211 8 4	.....	20,211 8 4					
Portion of excess cost incurred on Vehar Outlet Tower	7,990 10 6	.....	7,990 10 6					
	1,42,241 5 4	.....	1,42,241 5 4	1,42,241 5 4				
Executed out of the 12 Lakhs Drainage and Water Works Loan—								
Laying 18″ Main in Frere Road from Bhundarwada Reservoir to Carnac Road and 12″ Main from Carnac Road to Mint	80,031 5 0	.....	80,031 5 0	80,031 5 0				
Executed out of the Miscellaneous Works Loan of Rs. 10,08,500—								
Concrete Trench, Waste Weir, Vehar Lake.	30,608 7 1	.....	30,608 7 1					
Mains in 14 streets west of Frere Road and other Mains in various streets	59,275 1 8	.....	59,275 1 8					
Arthur Road connection works necessitated by the laying of Tansa 27″ Main.....	9,542 10 5	.....	9,542 10 5					
Deacon's Meters.....	16,788 0 0	.....	16,788 0 0					
	1,16,214 3 2	.....	1,16,214 3 2	1,16,214 3 2				
Executed out of the 35 Lakhs Various Sanitary Works Loan—								
Providing an Asphalt surface to the floor of the settling basin of the Malabar Hill Reservoir and other works in connection therewith	92,872 9 2	.....	92,872 9 2					
Pawai Water Works.....	6,60,479 6 9	.....	6,60,479 6 9					
Additional Water Mains	98,386 0 10	.....	98,386 0 10					
Extension of Catch-water Channels at Tulsi	20,836 9 1	.....	20,836 9 1					
	8,72,574 9 10	.....	8,72,574 9 10	8,72,574 9 10				

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MUNICIPAL FUND—Schedule of Assets on 31st March 1897—*continued.*

	Brought forward.....Rs.			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
						63,32,241 4 0	9,01,840 12 6	59,95,664 13 5
	Up to 1895-96.	1896-97.	Total.					
	Rs. a. p.	Rs. a. p.	Rs. a. p.					
Loan Works continued and brought forward	3,57,89,892 6 0	5,25,211 1 6	3,63,15,103 7 6	3,63,15,103 7 6	3,63,15,103 7 6			
ROADS—								
Executed out of Rs. 20,88,000 Loan (one of the 3 Sanitary Works Loans aggregating Rs. 44 Lakhs)—								
New Road from Bellasis Road across the Old Race Course	1,29,039 1 2	.....	1,29,039 1 2					
Establishment Charges	12,461 0 0	.....	12,461 0 0					
	1,41,500 1 2	.....	1,41,500 1 2	1,41,500 1 2				
Executed out of the Miscellaneous Works Loan of Rs. 10,08,500—								
Cross Road at Mahaluxmi Station from Clerk Road to Haines Road	19,594 4 8	.....	19,594 4 8					
Road through Nowroji Hill from Elphinstone Bridge to Dongree Street	32,547 3 6	22,359 15 6	54,907 3 0					
	52,141 8 2	22,359 15 6	74,501 7 8	74,501 7 8				
Executed out of the 35 Lakhs Various Sanitary Works Loan—								
Roads & Streets in Agripada & elsewhere	23,75,529 7 5	*Cr. 62,766 9 8*	23,12,762 13 9					
Road from Jakeria Bunder Road to Sewri Cemetery	24,217 15 11	.....	24,217 15 11					
	23,99,747 7 4	*Cr. 62,766 9 8*	23,36,980 13 8	23,36,980 13 8				
Executed out of the 23½ Lakhs Loan—								
Falkland Road Overbridge	8,978 12 0	.....	8,978 12 0					
Wari Bunder Bridge	1,24,918 14 1	7,455 7 5	1,32,374 5 6					
	1,33,897 10 1	7,455 7 5	1,41,353 1 6	1,41,353 1 6				

Executed out of the Loan of Rs.15,75,000—						
Wari Bunder Road	8,321 8 0	70,049 2 0	78,370 10 0			
Victoria Road	.....	30,435 8 0	30,435 8 0			
Total ...	8,321 8 0	1,00,484 10 0	1,08,806 2 0	1,08,806 2 0		
Executed out of Savings on different Loans—						
Providing and fixing new pattern hydrants for Road watering and Fire Brigade purposes	.....	19,614 7 8	19,614 7 8	19,614 7 8		
Executed out of Advances from Surplus Balance—						
Constructing Overbridge at Fergusson and DeLisle Roads	.....	1,984 0 0	1,984 0 0	1,984 0 0		
Deduct—						
Contribution paid by the Port Trust towards the construction of the Wari Bunder Road	27,35,608 2 9	89,131 14 11	28,24,740 1 8	28,24,740 1 8		
	1,56,500 0 0	.....	1,56,500 0 0	1,56,500 0 0		
Total Roads...Rs.	25,79,108 2 9	89,131 14 11	26,68,240 1 8	26,68,240 1 8	26,68,240 1 8	
MISCELLANEOUS WORKS—						
Executed out of the Rs. 20,88,000 Loan (one of the three Sanitary Works Loans aggregating Rs. 44 Lakhs)—						
Enlargement of the Dhobi Lines at Mahaluxmi	28,499 12 3	.....	28,499 12 3			
Chawl for Gowlees working at Agripada	6,129 13 6	.....	6,129 13 6			
Milch Cattle Stables	43,677 13 3	.....	43,677 13 3			
Health Department Stables, Bori Bunder	8,803 2 6	.....	8,803 2 6			
Establishment charges	87,110 9 6	.....	87,110 9 6	87,110 9 6		
Executed out of the 35 Lakhs Various Sanitary Works Loan—						
Chawl for Halalkhores in Cursetji Sookhlaji Street	88,460 8 2	.....	88,460 8 2			
Purchase of Land on the Flats required for the *disposal* of Town Sweepings...	1,98,913 8 8	.....	1,98,913 8 8			
Health Department Bullock Stables and Quarters for Scavengers	44,437 1 5	.....	44,437 1 5			
	3,31,811 2 3	.....	3,31,811 2 3	3,31,811 2 3		
Executed out of the Loan of 23½ Lakhs—						
Purchase of Land on the Flats for the deposit of Kutchra	5,890 14 1	.....	5,890 14 1	5,890 14 1		
Miscellaneous Works Contd.&Carried overRs.	4,24,812 9 10	.....	4,24,812 9 10	4,24,812 9 10		
Loan Works Continued and Carried over Rs...	3,83,69,000 8 9	6,14,343 0 5	3,89,83,343 9 2	3,89,83,343 9 2	3,89,83,343 9 2	
				Carried over Rs.		63,32,241 4 0

9,01,840 12 6 59,95,664 13 5

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MUNICIPAL FUND—Schedule of Assets on 31st March 1897—*concluded.*

	Up to 1895-96.	1896-97.	Total.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
		Brought forward...Rs.				63,32,241 4 0	9,01,840 12 6	59,95,664 13 5
Loan Works continued and brought forward.	Rs. a. p. 3,83,69,000 8 9	Rs. a. p. 6,14,343 0 5	Rs a. p. 3,89,83,343 9 2	3,89,83,343 9 2	3,89,83,343 9 2			
Miscellaneous Works continued and brought forward...	4,24,812 9 10	.....	4,24,812 9 10	4,24,812 9 10				
Executed out of the Loan of Rs. 15,75,000—								
Burial Ground for Mahomedans and Beni-Israels	1,64,000 0 0	219 9 2	1,64,219 9 2	1,64,219 9 2				
ADVANCES FROM SURPLUS BALANCES—								
Health Department Stables in F and G Wards	68,120 8 2	.....	68,120 8 2					
Health Department Bigaries' Chawl at Bori Bunder.....	42,248 13 8	7,725 5 0	49,974 2 8					
	1,10,369 5 10	7,725 5 0	1,18,094 10 10	1,18,094 10 10				
Total Miscellaneous Works...Rs.	6,99,181 15 8	7,944 14 2	7,07,126 13 10	7,07,126 13 10	7,07,126 13 10			
MARKETS—								
Executed out of the Miscellaneous Works Loan of Rs. 10,08,500—								
New Market at Colaba	70,137 6 7	*Cr25,743 6 8*	*44,393 15 11					
Erskine Road Market Extension	3,99,758 0 0	.....	†3,99,758 0 0					
Arthur Crawford Markets—Extension of the Mutton Market	42,754 2 9	.....	42,754 2 9					
	5,12,649 9 4	*Cr25,743 6 8*	4,86,906 2 8	4,86,906 2 8				
Executed out of the 35 Lakhs Various Sanitary Works Loan—								
Bhuleshwar Market Extension.....	2,36,852 0 8	43,551 7 9	2,80,403 8 0					
Labourers' quarters in connection with the A. C. Markets	8,047 6 5	1,471 7 10	9,518 14 3					
New Market at Foras Road.....	40,499 14 11	.....	40,499 14 11					
	2,85,399 5 7	45,022 15 7	3,30,422 5 2	3,30,422 5 2				

Executed out of the savings on different Loans—							
Portion of cost of site for the Colaba Market	.....	28,060 0 0	28,060 0 0				
Curry Road Market	.....	2,000 0 0	2,000 0 0				
	.....	30,060 0 0	30,060 0 0	30,060 0 0			
Total Markets...Rs.	7,98,048 14 11	49,339 8 11	8,47,388 7 10	8,47,388 7 10			
New Municipal Office Building—					8,47,388 7 10		
Paid out of Invested Fund and Loan.....	14,67,386 11 3	.....	†14,67,386 11 3	14,67,386 11 3	14,67,386 11 3		
Fire Brigade Quarters and Stations constructed out of the Loan of 4½ Lakhs ...	3,23,384 8 9	43,226 15 4	3,66,611 8 1	3,66,611 8 1	3,66,611 8 1		
Grand Total...	4,16,57,002 11 4	§7,14,854 6 10	4,23,71,857 2 2	4,23,71,857 2 2	4,23,71,857 2 2		
Amount expended out of the Nesbit Road Bridge Invested Fund (Rs. 49,779-4-0 in 1886-87 and Rs. 65-4-0 in 1887-88)					49,844 8 0		
Do. do. in 1884-85 on Street Improvement out of the Road Improvement Fund					19,000 0 0		
						4,24,40,701 10 2	
							4,87,72,942 14 2
							4,96,74,783 10 8
						Total Rs.	5,56,70,448 8 1

* Exclusive of Rs. 21,940 paid out of the premia received on the Loan and Rs. 28,060 paid out of savings on different Loans.
† Exclusive of Rs. 31,908-11-11 paid out of do.
‡ Out of this sum Rs. 7,34,326-8-3 were paid from the Invested Fund.
§ *Vide* pages 12 and 179.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

P. C. H. SNOW,
Municipal Commissioner.

WATER WORKS

INCOME FOR 1896-97.

INCOME.	Rs. a. p.	Rs. a. p.	
Water Tax (through Assessor and Collector)	13,69,294 14 10		
Less—Errors adjusted as per details given at page 152	117 12 8		
	13,69,177 2 2		
Less—Refunds	2,221 11 1		
		13,66,955 7 1	
Miscellaneous Water Works Revenue—			
Rent of water meters	11,697 9 4		
Net profit on sale or issue of stores	11,247 0 0		
Net value of iron work, &c., removed from the old 24" main in Parbhadevi Road	2,022 14 1		
Sale of grass, rights of taking fruits, fishing in tanks, &c.	1,904 13 7		
Recovery for wear and tear of tools	1,214 3 4		
Sale proceeds of scrap and unserviceable tools and plant	1,206 11 0		
Fees for testing water pipes, fittings, &c.	810 1 2		
Profit and Commission on private works	681 12 7		
Ground rent, &c.	222 0 0		
Fees for disconnecting service pipes	157 0 0		
Sale of tender forms	157 0 0		
Profit on sale of water connection application forms	85 8 0		
Unclaimed and time-barred deposits	31 15 2		
Hire of pressure gauges, pumps, &c.	11 4 10		
Water supplied to Sewri Cemetery	4 12 0		
		31,454 9 1	
			*11,98,410 0 2
Interest on the Worn-out Water Mains Renewal Fund investment		†12,957 1 6	
Do. Net Premia, &c., Fund Investment		‡3,641 2 2	
Net premia received on the 1st instalment of Rs. 10 lakhs of the 15¾ lakhs Loan raised in December 1896		‡1,115 7 3	
			17,713 10 11
Difference (Expenditure in excess of Income)			14,16,123 11 1
			1,89,867 6 3
		Total Rs....	16,05,991 1 4

* *Vide* page 154. † *Vide* page 164. ‡ *Vide* page 69.

M ANECKSHAH CAWASHAH,
Acting Chief Accountant.

6.

ACCOUNT.

EXPENDITURE FOR 1896-97.

EXPENDITURE.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence (proportion of)	(a)24,955 1 10		
Assessment and Collection Charges (proportion of)	(b)26,387 12 6		
Engineer's Establishment (proportion of)	(c)12,487 13 3		
		63,830 11 7	
Maintenance of Vehar, &c., Water Works		(d) 2,16,042 2 8	
		2,79,872 14 3	
New works		(e)12,006 6 11	
		2,91,879 5 2	
Worn-out Water Mains Renewal Fund Investment	25,000 0 0		
Investment of Interest realized on do.	12,957 1 6		
Investment of Interest realized on the Net Premia, &c., Fund (W.W. Portion) ....Rs. 3,641 2 2			
Investment of the Net Premia received on the 1st instalment of Rs. 10 Lakhs of the 15¾ Lakhs Loan raised in 1896-97 ....Rs. 1,115 7 8			
	(f)37,957 1 6		
Interest on Water Works Loans (Debt)—	(g) 4,756 9 5	42,713 10 11	
Vehar Debt	1,01,912 11 7		
Portion of 10 Lakhs for Bhundarwada Water Works of the Loan of Rs. 26,94,000 of 1878	39,309 9 3		
Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)	80,682 9 1		
Do. do. 7 Lakhs Sanitary Works Loan (Rs. 1,90,389)	9,519 7 2		
Do. do. 12 Lakhs Drainage and Water Works Loan (Rs. 85,000)	4,250 0 0		
Do. do. Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000)	6,750 0 0		
Do. do. 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000)	46,000 0 0		
Do. do. 42 Lakhs Loan for repayment of balance of Government Consolidated Loan (Rs. 28,59,762)	1,14,390 7 8		
Do. do. 23¼ Lakhs Loan for Drainage and other works (Rs. 2,45,500)	9,820 0 0		
Tansa Water Works Loan of Rs. 147 Lakhs	7,07,362 8 0	(h) 11,19,997 4 9	
Payments towards the reduction of debt or investment of Sinking Fund of the following Water Works Loans (Debt)—			
Vehar Debt	12,063 4 5		
Portion of 10 Lakhs for Bhundarwada Water Works of the Loan of Rs. 26,94,000 of 1878	18,930 15 4		
Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)	13,184 8 10		
Do. do. 7 Lakhs Sanitary Works Loan (Rs. 1,90,389)	1,631 14 6		
Do. do. 12 Lakhs Drainage and Water Works Loan (Rs. 85,000)	779 2 8		
Do. do. Miscellaneous Works Loan of Rs. 10,08,500 (Rs. 1,35,000)	1,151 3 5		
Do. do. 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000)	7,622 13 9		
Do. do. 42 Lakhs Loan for repayment of balance of Government Consolidated Loan (Rs. 28,59,762)	51,407 10 0		
Water Works Portion of the 23¼ Lakhs Loan for Drainage and other works (Rs. 2,45,500)	2,629 3 7		
Tansa Water Works Loan of Rs. 147 Lakhs	42,000 0 0	(i) 1,51,400 12 6	
		Total...Rs.	16,05,991 1 4

(a) *Vide* page 149. (b) *Vide* page 151. (c) *Vide* page 155. (d) *Vide* page 159. (e) *Vide* page 161.
(f) „ 185. (g) „ 33. (h) „ 173. (i) „ 179.

P. C. H. SNOW,
Municipal Commissioner.

No.

WATER WORKS

SCHEDULE OF LIABILITIES ON 31ST MARCH 1897.

LIABILITIES.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Government of Bombay on account of Vehar Debt (see page 186)		25,41,527 15 5	
Proportion of 10 Lakhs for the Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878	10,00,000 0 0		
Less—Paid in 1880 Rs. 8,148 2 4			
Do. 1881 „ 8,708 11 3			
Do. 1882 „ 9,074 1 2			
Do. 1st Quarter of 1883 „ 9,629 1 3			
Do. 1883-84 „ 10,000 0 0			
Do. 1884-85 „ 10,555 8 10			
Do. 1885-86 „ 11,111 1 9			
Do. 1886-87 „ 11,481 0 0			
Do. 1887-88 „ 11,864 2 4			
Do. 1888-89 „ 13,553 7 4			
Do. 1889-90 „ 13,363 0 6			
Do. 1890-91 „ 14,105 6 9			
Do. 1891-92 „ 15,033 6 6			
Do. 1892-93 „ 15,590 8 2			
Do. 1893-94 „ 16,332 9 5			
Do. 1894-95 „ 17,260 9 3			
Do. 1895-96 „ 18,002 15 6			
Do. 1896-97 „ 18,930 15 4			
	2,32,739 6 8	7,67,260 9 4	
Water Works portion of the 44 Lakhs Sanitary Works Loan	18,98,921 0 0		
Less—Paid in 1886-87 Rs. 3,021 0 0			
Do. 1887-88 „ 1,91,186 13 2			
Do. 1888-89 „ 22,010 3 6			
Do. 1895-96 „ 69,051 10 9			
	2,85,269 11 5	16,13,651 4 7	
Water Works portion of the 7 Lakhs Sanitary Works Loan		1,90,389 0 0	
Do. do. of the 12 Lakhs Drainage and Water Works Loan—			
Instalment raised in 1887-88 Rs. 42,500 0 0			
Do. do. 1888-89 „ 42,500 0 0			
	85,000 0 0		
Add—Net Premium received on the instalment raised in 1888-89	1,904 8 6		
	86,904 8 6		
Less—Premium transferred to current revenue as per Corporation's Resolution No. 9222, dated 11th December 1893	1,904 8 6		
		85,000 0 0	
Water Works portion of the Miscellaneous Works Loan of Rs. 10,08,500	1,35,000 0 0		
Add—Net premium received on the instalment raised in 1888-89	8,548 4 0		
	1,43,548 4 0		
Less—Net Premium transferred to current revenue as per Corporation's Resolution quoted above	8,548 4 0		
		1,35,000 0 0	
Water Works portion of the 85 Lakhs Various Sanitary Works Loan	9,20,000 0 0		
Add—Net premium received on the instalment raised in 1890-91	21,713 2 8		
	9,41,713 2 8		
Less—Premium transferred to current revenue as per Corporation's Resolution quoted above	21,713 2 8		
		9,20,000 0 0	
Tansa Water Works Loan of Rs. 147 Lakhs (see page 188)	1,47,00,000 0 0		
Add—Net premium received on the instalments raised from 1888-89 to 1890-91 (see page 189)	2,43,839 10 6		
	1,49,43,839 10 6		
Less—Premium transferred to current revenue as per Corporation's Resolution quoted above	2,43,839 10 6		
		1,47,00,000 0 0	
Water Works portion of Rs. 42 Lakhs Loan raised in 1893-94 for repayment of the balance of Government Consolidated Loan		28,59,762 0 0	
Do. of 2¾ Lakhs Loan for Drainage and other Works raised in 1893-94 and 1895-96		2,45,500 0 0	
Do. of the 1st Instalment of Rs. 10 Lakhs of the Rs. 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works		80,000 0 0	
		Total... Rs.	2,40,88,090 13 4

MANECKSHAH CAWASHAH,

Acting Chief Accountant.

7.

ACCOUNT.

SCHEDULE OF ASSETS ON 31ST MARCH 1897.

ASSETS.	Up to 31st March 1896.	In 1896-97.	Total.	Rs. a. p.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Vehar Lake	45,21,943 7 9	.....	45,21,943 7 9	
Tulsi Water Works	37,61,888 6 0	.....	37,61,888 6 0	
Vehar Outlet Tower	2,38,111 10 0	.....	2,38,111 10 0	
	40,00,000 0 0	.....	40,00,000 0 0	
Service Reservoir at Bhandarwada	10,16,830 13 3	.....	10,16,830 13 3	
	50,16,830 13 3	.....	50,16,830 13 3	
Water Works executed out of— The 15 Lakhs Loan (one of the three Sanitary Works Loans aggregating Rs. 44 Lakhs), see page 197	4,60,000 0 0	.....	4,60,000 0 0	
20,88,000 Loan (one of the three Sanitary Works Loans aggregating Rs. 44 Lakhs), see page 197	14,35,947 12 0	.....	14,35,947 12 0	
	18,95,947 12 0	.....	18,95,947 12 0	
7 Lakhs Sanitary Works Loan (see page 198)	1,42,241 5 4	.....	1,42,241 5 4	
12 Lakhs Drainage and Water Works Loan (see page 198)	80,031 5 0	.....	80,031 5 0	
Rs. 10,08,500 Miscellaneous Works Loan (see page 198)	1,16,214 3 2	.....	1,16,214 3 2	
35 Lakhs Various Sanitary Works Loan (see page 198)	8,72,574 9 10	.....	8,72,574 9 10	
147 Lakhs Tansa Water Works Loan (see page 199)	1,46,79,682 3 1	9,458 14 4	1,46,89,141 1 5	
23½ Lakhs Drainage and other Works Loan (see page 199)	76,118 6 6	47,305 1 11	1,23,423 8 5	
15¾ Lakhs Sewerage, Wari Bunder, &c. Roads, Burial Ground and certain Water Works Loan (see page 199)	110 11 0	168 5 4	279 0 4	
Savings on different Loans (see page 199)	58,883 14 2	57,655 5 8	1,16,539 3 10	
Surplus Balances pending the raising of a Loan (see page 199)	59,372 14 6	*Cr. 56,697 12 5*	2,675 2 1	
	2,75,19,951 9 7	57,889 14 10	2,75,77,841 8 5	*2,75,77,841 8 5
Bank of Bombay Worn-out Water Main Renewal Fund Deposit Account	2,71,046 9 4	37,957 1 6	†3,09,003 10 10	
Bank of Bombay Net Premia, &c., on different Municipal Loans Deposit Account	76,111 2 7	4,756 9 5	‡80,867 12 0	
	3,47,157 11 11	42,713 10 11	3,89,871 6 10	3,89,871 6 10
Rs.	2,78,67,109 5 6	1,00,603 9 9	2,79,67,712 15 3	
			Total...Rs.	2,79,67,712 15 3

* *Vide* page 199. † *Vide* page 191. ‡ *Vide* page 191.

P. C. H. SNOW,
Municipal Commissioner.

No.

GARDEN

RECEIPTS.	Rs.	a.	p.	Rs.	a.	p.
Unappropriated balance of Garden Receipts and Donations available for being utilized on garden improvements with the Standing Committee and Corporation's sanction—						
For 1890-91	9,127	9	5			
„ 1891-92	8,723	12	5			
„ 1892-93	6,997	4	3			
„ 1893-94	6,363	8	6			
„ 1894-95	7,524	15	3	38,737	1	10
Less—Amount appropriated in 1893-94	3,046	0	0			
Do. do. 1894-95	3,920	0	0			
Do. do. 1896-97 as per Corporation's Resolution Nos. 14171 and 12245, dated 5th March 1896 and 8th February 1897, respectively	31,771	1	10	38,737	1	10
						.....
Unexpended balance of the grants for 1894-95 and previous years renewed in 1896-97, with the Corporation's sanction—						
Maintenance	2,082	11	8			
New Works	18,069	9	9			
Net cost of land acquired for the improvement and extension of the Gardens	3,300	12	8	23,453	2	1
Less—Amount appropriated in 1896-97 as per Corporation's Resolution No. 12245, dated 8th February 1897				13,546	14	2
						9,906 3 11
Grants sanctioned in Corporation's Resolution Nos. 14171 and 12245, dated 5th March 1896 and 8th February 1897, respectively, for the following works:—						
Storm-water drain in the new ground lately acquired				6,618	0	0
Animal-keepers' Quarters				6,900	0	0
Wall and fencing along the southern boundary of the Gardens				3,600	0	0
Clerks' Office room				5,500	0	0
Bullock Stable				200	0	0
Head Animal-keeper's Quarters				8,900	0	0
Quarters for 20 Malis				13,600	0	0
						45,318 0 0
				Total...Rs.		55,224 3 11

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

8.

FUND.

DISBURSEMENTS.	Rs. a. p.	Rs. a. p.
Maintenance	* 500 0 0	
New works	† 3,113 7 11	3,613 7 11
Balance at the close of 1896-97—		
Unexpended balance of sanctioned grants required in 1897-98 for payment of liabilities already incurred, and for completion of works in hand.	42,204 8 1	
For being carried to the credit of the Garden Fund	9,406 3 11	51,610 12 0
Total...Rs		55,224 3 11

* *Vide* page 158.

† *Vide* page 158.

P. C. H. SNOW,
Municipal Commissioner.

REVENUE.

1. REPORT OF THE ASSESSMENT AND COLLECTION DEPARTMENT by Mr. R. P. Brunton, Assessor and Collector, as forwarded with his letter No. 18065, dated 26th August 1897.

2. REPORT OF THE REVENUE AND REFUND AUDIT DEPARTMENT by Mr. W. Pearson, Revenue and Refund Audit Officer, as forwarded with his letter No. 1418, dated 11th August 1897.

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1. The total amount collected under all heads, exclusive of miscellaneous receipts, was Rs. 41,76,528-0-6, against the estimated amount of Rs. 43,60,350.

2. As compared with the total collections for the previous year (1895-96), which amounted to Rs. 43,51,271-11-4, the decrease for 1896-97 is Rs. 1,74,743-10-10.

3. There were, following the disarrangement of business throughout the City, and deaths, sickness and absenteeism amongst ratepayers and the ward staff, all through the Plague, large outstandings on the 31st March 1897. They amounted to Rs. 3,11,172, as against Rs. 80,046 on 31st March 1896; but of this amount of Rs. 3,11,172, the sum of Rs. 2,46,793-3-6 has been collected up to the 15th instant, leaving a balance of Rs. 64,378-15-4 outstanding on that date. Of this amount, Rs. 23,506-7-6 are recoverable, Rs. 1,860-10-11 are Departmental Bills (for adjustment), Rs. 38,578-1-9 are "disputed" (under correspondence, reference to Commissioner, Health Officer and other departmental heads), and Rs. 433-11-2 are irrecoverable. Some ratepayers are still absent, and it will not be until next Divali that the whole is collected.

4. The total collections for the last five years, exclusive of miscellaneous receipts, were :—

		Rs.	A.	P.
In	1892-93...	43,47,629	4	2
„	1893-94...	40,95,990	15	4
„	1894-95...	42,86,095	4	9
„	1895-96...	43,51,271	11	4
„	1896-97...	41,76,528	0	6

Registration of Properties.

5. The following table gives the details of the number of properties in the Assessment Book during the past five years :—

Years.	Classification of properties according to description.				Classification of properties according to liability to General Tax.			
	Buildings.	Salt-pans.	Lands (including tanks, wells, &c.).	Total.	Number assessed for the General Tax.	Number exempt or compounded for on special terms.	Small plots of unproductive lands for which no bills are issued.	Total.
1	2	3	4	5	6	7	8	9
1892-93 ...	33,557	172	17,615	51,344	39,353	4,300	7,691	51,344
1893-94 ...	33,833	175	17,665	51,673	39,649	4,357	7,667	51,673
1894-95 ...	34,265	175	17,708	52,148	40,032	4,446	7,670	52,148
1895-96 ...	35,083	175	17,241	52,499	40,318	4,493	7,688	52,499
1896-97 ...	35,495	146	17,318	52,959	40,653	4,561	7,745	52,959

Valuation of Properties.

6. The recorded gross value of these properties for the year under report, contrasted with those for the previous four years, is as under :—

——	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.
	Rs.	Rs.	Rs.	Rs.	Rs.
Opening valuation	2,90,74,339	2,67,13,196	2,72,98,360	2,81,55,935	2,87,03,841
Number of complaints against opening valuation	2,656	1,929	2,215	2,642	2,525
Amount after disposal of complaints	2,88,73,413	2,66,52,913	2,72,68,925	2,80,48,470	2,86,71,706
Reductions	31,59,761	1,42,479	1,46,595	5,73,179	2,88,823
Enhancements	7,01,443	4,69,294	4,91,411	7,81,590	5,44,735
Valuation chargeable with General Tax...	2,40,19,171	2,45,06,857	2,50,94,448	2,55,79,337	2,62,19,752
Valuation exempt from General Tax...	23,66,995	24,55,041	25,01,487	26,59,820	26,90,393
Valuation for which no General Tax bills issued	17,816	17,830	17,806	17,724	17,473
Total Valuation...	2,64,03,982	2,69,79,728	2,76,13,741	2,82,56,881	2,89,27,618
Increase over preceding year's valuation	.....	5,75,746	6,34,013	6,43,140	6,70,737
Decrease over preceding year's valuation...	*21,76,041	.....	.....	.....	.....

* *See* pages 176 and 177, Report of 1892-93.

7. The increases in valuation in private properties are as follows :—

Years.	Rise in rents and correction of under-assessments.	Erection of new buildings.	Enlargements.	Total Increase.
	Rs.	Rs.	Rs.	Rs.
1892-93	1,53,625	2,62,974	1,70,012	5,86,611
1893-94	90,667	3,21,061	1,64,018	5,75,746
1894-95	1,81,547	2,74,222	1,78,244	6,34,013
1895-96	1,49,527	2,58,447	2,35,166	6,43,140
1896-97	1,94,399	2,64,476	2,11,862	6,70,737

8. The following tables show the increases in property taxes as compared with the previous year :—

General Tax.

1895-96.				1896-97.				Increase—Difference between columns 4 and 8.
8¼ per cent. on Value.	Compounded sum payable by Government under section 144 (3).	Compounded sum payable by the Port Trust under section 145(3).	Total of columns 1, 2 and 3.	8¼ per cent. on Value.	Compounded sum payable by Government under section 144 (3).	Compounded sum payable by the Port Trust under section 145 (3).	Total of columns 5, 6 and 7.	
1	2	3	4	5	6	7	8	9
Rs. a. p. 17,06,848 0 1	Rs. a. p. 98,374 0 0	Rs. a. p. 1,52,482 0 0	Rs. a. p. 19,57,704 0 1	Rs. a. p. 17,55,849 8 1	Rs. a. p. 98,374 0 0	Rs. a. p. 1,52,482 0 0	Rs. a. p. 20,06,705 8 1	Rs. a. p. 49,001 8 0

9. The amount of general tax on properties exempted from its payments under section 143 of the Act does not appear in the above table ; this amount, contrasted with that of the previous year, is as follows :—

	Rs.	A.	P.
1895-96	2,04,832	2	6
1896-97	2,07,151	13	4

10. *Water Tax.*

1895-96.				1896-97.				Increase.
On Value.	Compounded.	On Meter Measurement.	Total.	On Value.	Compounded.	On Meter Measurement.	Total.	
1	2	3	4	5	6	7	8	9
Rs. a. p. 6,12,233 6 5	Rs. a. p. 26,595 14 7	Rs. a. p. 7,58,238 6 10	Rs. a. p. 13,97,065 11 10	Rs. a. p. 6,30,926 14 11	Rs. a. p. 33,873 9 3	Rs. a. p. 7,89,747 4 9	Rs. a. p. 14,54,547 12 11	Rs. a. p. 57,462 1 1

11. *Halalkhor Tax.*

1895-96.			1896-97.			Increase.
On Value.	Special Service.	Total.	On Value.	Special Service.	Total.	
1	2	3	4	5	6	7
Rs. a. p. 5,35,770 12 2	Rs. a. p. 1,27,801 6 11	Rs. a. p. 6,63,572 3 1	Rs. a. p. 5,46,984 6 5	Rs. a. p. 1,50,529 13 1	Rs. a. p. 6,97,513 2 6	Rs. a. p. 33,940 15 5

12. The total demand on account of property taxes for 1896-97 amounted to Rs. 41,58,766-7-6, to which must be added Rs. 66,696-6-6, demands on account of previous years, making a total of Rs. 42,25,462-14-0.

13. Of the above demand, a sum of Rs. 54,560-5-0 was allowed as drawback on the General Tax under section 158 (2) of the Act.

14. The following bills were issued during the year 1896-97 :—

Bills issued for property taxes during the year 1896-97.

For which year.	Bills issued.		
	No.	Amount.	
		Rs. a. p.	
1893-94	73	13,930 10 3	
1894-95	90	16,896 7 2	
1895-96	332	35,869 5 1	
Total ...	495	66,696 6 6	
1896-97	75,097	38,53,350 2 6	
Total ...	75,592	39,20,046 9 0	

15. The Government and Port Trust payments in lieu of the General Tax are not made on bills; they are forwarded direct to the Chief Accountant's Office.

16. The following table gives the amount which had to be collected during 1896-97 :—

Taxes.	To be collected.				Collected.			Uncollected.	Deduct.			Balance outstanding at the end of 1896-97.		
									On account of former years.					
	Opening Balance outstanding on 31st March 1896.	Total of Bills issued during 1896-97.	Amount payable by Government and Port Trust without Bills.	Total.	On account of former years.	On account of 1896-97.	Total.		Amount written off as per Standing Committee's Resolutions Nos. 438, 5144, 7017 and 10552.	Bills cancelled (amended bills being issued in lieu of the same).	Total.	On account of former years.	On account of 1896-97.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax..	25,314 13 6	17,09,050 14 4	2,50,856 0 0	19,85,221 10 10	18,203 2 7	18,42,316 5 6	18,60,519 8 1	1,24,702 2 9	1 1 9	9,805 4 1	9,806 5 10	5,066 15 4	1,09,828 13 7	1,14,895 12 11
Water Tax ..	20,780 5 10	14,59,307 14 2	....	14,80,088 4 0	19,019 4 5	13,50,157 13 9	13,69,177 2 2	1,10,911 1 10	0 13 9	3,971 12 4	3,972 10 1	2,548 8 7	1,04,389 15 2	1,06,938 7 9
Halalkhor Tax	28,040 5 6	7,51,687 12 8	....	7,79,728 [2 0	60,804 11 11	6,33,069 6 10	6,93,874 2 9	85,853 15 3	1 9 11	12,797 4 5	12,798 14 4	8,611 5 3	64,443 11 8	73,055 0 11
Total	74,135 7 10	39,20,046 9 0	2,50,856 0 0	42,45,038 0 10	98,027 2 11	38,25,543 10 1	39,23,570 13 0	3,21,467 3 10	3 9 5	26,574 4 10	26,577 14 3	16,226 13 2	2,78,662 8 5	2,94,889 5 7

Tax on Vehicles and Animals.

17. The demand on account of the tax on private vehicles and animals for the four quarters ended 31st December 1896 was Rs. 1,85,321-12-4 (against Rs. 1,80,590-3-11 for 1895), to which are to be added Rs. 5,911 -3-7, outstanding on 31st March 1896, and Rs. 303-11-1, amount of bills for former years issued in 1896-97, making a total of Rs. 1,91,536-11-0.

18. The total number of Wheel Tax bills issued was 14,524. The amount collected during the year was Rs. 1,72,377-5-6.

19. Out of the amount of Rs. 16,282-13-3 outstanding on the 31st March 1897, Rs. 13,462-0-3 were collected up to 15th August 1897, leaving a balance of Rs. 2,820-13-0.

20. The details are shown in the subjoined table :—

Wheel Tax.

To be collected.			Collected.			Uncollected.	Deduct Bills cancelled on account of former years.			Balance outstanding at the end of 31st March 1897.		
Opening balance outstanding.	Total of bills issued in 1896-97.	Total.	On account of former years.	On account of 1896-97.	Total.		Amount written off as irrecoverable as per Standing Committee's Resolutions Nos. 438, 8144, 7017 and 10552.	Bills cancelled (amended bills being issued in lieu of the same).	Total.	On account of former years.	On account of 1896-97.	Total.
Rs. a. p. 5,911 3 7	Rs. a. p. 1,85,625 7 5	Rs. a. p. 1,91,536 11 0	Rs. a. p. 2,985 8 11	Rs. a. p. 1,69,413 1 7	Rs. a. p. 1,72,377 5 6	Rs. a. p. 19,159 5 6	Rs. a. p. 271 3 10	Rs. a. p. 2,606 4 5	Rs. a. p. 2,876 8 3	Rs. a. p. 373 2 6	Rs. a. p. 15,909 10 9	Rs. a. p. 16,282 13 3

21. The number and description of private vehicles and animals taxed at the end of calendar year 1896, as contrasted with those of the previous calendar year, are as under :—

For 1895-96.		For 1896-97.		Increase.		Decrease.	
Number at the end of 1895.		Number at the end of 1896.					
4-wheeled Vehicles.	3,749	4-wheeled Vehicles.	3,747	2-wheeled Vehicles.	2	4-wheeled Vehicles.	2
2-wheeled Vehicles.	909	2-wheeled Vehicles.	817	4-wheeled Vehicles.	...	2-wheeled Vehicles.	92
Vehicles drawn or impelled otherwise than by horses, &c.	474	Vehicles drawn or impelled otherwise than by horses, &c.	307	Vehicles drawn or impelled otherwise than by horses, &c.	...	Vehicles drawn or impelled otherwise than by horses, &c.	167
Horses.	4,041	Horses.	3,939	Horses.	...	Horses.	102
Ponies.	236	Ponies.	233	Ponies.	...	Ponies.	3
Bullocks.	857	Bullocks.	748	Bullocks.	...	Bullocks.	109
Donkeys.	1	Donkeys.	1	Donkeys.	...	Donkeys.	...
Amount.	Rs. 1,80,590 a. 3 p. 11	Amount.	Rs. 1,85,321 a. 12 p. 4	Amount.	Rs. 4,731 a. 8 p. 5	Amount.	.....

The difference (increase) in the amounts in 1895 and in 1896 is owing to the number of vehicles and animals which are those for the last quarter of the calendar year (1st October to 31st December), whilst the amounts are the totals collected for the four quarters of that year, the numbers of vehicles and animals differing in each quarter.

Public Land Conveyances.

22. When the Head Quarters of the Police were transferred from Byculla to Carnac Road in January 1897, and in order to inconvenience, as little as possible, the owners of public land conveyances, it was arranged that the taxes, &c., due from such owners should be paid by them at the Chief Accountant's Office, and the arrangement commenced from the 1st January 1897.

23. The figures in the following table for 1896-97 were supplied by the Chief Accountant under Resolution No. 10986, dated 20th January 1897, of the Standing Committee. The taxes on licensed public conveyances were reduced, and the amounts recovered on account of these, including driver's license fees, fees for badges, and the amounts from tolls at Mahim and Sion Causeways (which tolls are collected by the Port Trust), as contrasted with the previous four years, are as follows :—

Years.	Tax on Licensed Public Land Conveyances.	License Fees.	Fees for Badges.	Toll Fees at Mahim and Sion Causeways.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1892-93	1,66,070 14 0	5,374 4 0	8,877 3 0	12,331 8 0
1893-94	1,64,720 3 0	5,094 4 0	7,914 1 0	12,665 14 0
1894-95	1,68,889 0 0	5,376 2 0	7,963 1 0	15,371 10 0
1895-96	1,67,967 8 0	5,020 0 0	7,853 8 0	19,528 14 0
1896-97	58,450 12 0	2,638 2 0	3,627 12 0	15,863 4 0

24. The details of the collections for the official year are :—

Period.	Labour Carts.	Riding Hackeries.	Victorias, Shigrams, &c.	Municipal Taxes.	License Fees.	Cost of Badges.	Total.
				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
From 1st April 1895 to 31st March 1896.	7,025	339	910	1,67,967 8 0	5,020 0 0	7,853 8 0	1,80,841 0 0
From 1st April 1896 to 31st March 1897.	2,442	113	746	58,450 12 0	2,638 2 0	3,627 12 0	64,716 10 0

These last figures testify to the disarrangement of business referred to in para 3.

25. The following tables show—(A) total assessment; (B) the collections and outstanding balances under property taxes and tax on vehicles and animals as compared with those of the previous four years.

Table A.

Total Assessment on account of Property Taxes and Wheel Tax.

Years.	No. of Properties.	Gross Annual Value at the end of the year.			ASSESSED DEMAND.											
					Property Taxes.								Wheel Tax, including Public Conveyances and the Toll on the Causeways.	Total Demand.		
					General Tax, including compounded payments by Government and Port Trust.			Water Tax.	Halalkhor Tax.	Total of Property Taxes.						
		Valuation chargeable with General Tax.	Valuation exempt from General Tax under Section 143 of the Municipal Act, and Section 36 of the Port Trust Act.	Total.	General Tax leviable.	General Tax not leviable.	Total.			Leviable.	Not leviable.	Total.		Leviable.	Not leviable.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1892-93 ..	51,344	2,40,19,171	23,84,811	2,64,03,982	18,92,367 7 8	1,87,803 15 2	20,80,171 6 10	12,53,048 5 0	5,01,563 1 9	37,36,978 14 5	1,87,803 15 2	39,24,782 13 7	3,42,596 11 8	40,79,575 10 1	1,87,803 15 2	42,67,379 9 3
1893-94 ..	51,673	2,45,66,857	24,72,871	2,69,79,728	18,75,615 9 3	1,89,174 10 8	20,64,790 4 0	12,67,355 12 11	6,55,294 8 0	37,98,265 14 2	1,89,174 10 9	39,87,440 8 11	3,44,966 8 0	41,43,232 8 2	1,89,174 10 9	43,32,407 0 11
1894-95 ..	52,148	2,50,94,448	25,19,293	2,76,13,741	19,20,589 5 1	1,92,725 15 11	21,13,315 5 0	13,68,942 1 6	6,42,593 4 8	39,32,124 11 3	1,92,725 15 11	41,24,850 11 2	3,56,936 1 1	42,80,060 12 4	1,92,725 15 11	44,81,786 12 3
1895-96 ..	52,499	2,55,79,337	26,77,544	2,82,56,881	19,57,704 0 1	2,04,832 2 6	21,62,536 2 7	13,97,085 11 10	6,63,572 3 1	40,18,361 15 0	2,04,832 2 6	42,23,194 1 6	3,68,986 9 11	43,86,448 8 11	2,04,832 2 6	45,91,280 11 5
1896-97 ..	52,959	2,62,19,752	27,07,866	2,89,27,618	20,06,705 8 1	2,07,151 13 4	22,13,857 5 5	14,54,547 12 11	6,97,513 2 6	41,58,766 7 6	2,07,151 13 4	43,65,918 4 10	2,59,636 12 4	44,18,402 3 10	2,07,151 13 4	46,25,554 1 2

Table B.

Total Demands, Collections, and Balances on account of Property Taxes and Wheel Tax, including License Fees and Fees for Badges on Public Conveyances and Tolls at Mahim and Sion Causeways.

Years.	Amount to be collected.			Bills written off under Standing Committee's resolutions and Bills recalled for amendment.	Collections.	Outstanding Balance on 31st March.
	Opening Outstanding Balance.	Demand assessed for the year and for former years during the year.	Total.			
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1892-93 ...	4,70,827 14 2	41,25,599 0 9	45,96,426 14 11	1,11,890 8 10	43,47,629 4 2	1,36,907 1 11
1893-94 ...	1,36,907 1 11	41,21,308 0 10	42,58,215 2 9	11,771 8 11	40,95,990 15 4	1,50,452 10 6
1894-95 ...	1,50,452 10 6	42,99,843 6 3	44,50,296 0 9	79,926 10 7	42,86,095 4 9	84,274 1 5
1895-96 ...	84,274 1 5	43,56,893 15 6	44,41,168 0 11	9,849 10 2	43,51,271 11 4	80,046 11 5
1896-97 ...	80,046 11 5	44,37,107 14 5	45,17,154 9 10	29,454 6 6	41,76,528 0 6	3,11,172 2 10

Miscellaneous Revenue.

26. The receipts from miscellaneous revenue in the year, as contrasted with the previous four years, are as follows :—

Years.	Notice Fees.	Warrant Fees.	Inspection Fees.	Battakee Fees.	Duplicate Bill Fees.	Sundries, copies of office record, &c.	Fees for producing books in the Courts and for supplying information.	Miscellaneous Receipts, including sale of old records, printed assessment books, and copies of the one-fifth drawback conditions.	Meter Hire.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1892-93.....	3,661 0 0	130 4 0	49 8 0	2,628 0 0	35 0 0	28 9 4	101 8 0	269 4 0	8,719 14 11
1893-94.....	3,405 8 0	85 8 0	54 0 0	2,424 0 0	36 8 0	35 5 10	67 8 0	151 11 2	8,375 6 0
1894-95.....	2,909 8 0	66 4 0	70 0 0	2,775 0 0	19 8 0	33 15 8	140 0 0	67 8 11	8,711 7 7
1895-96.....	2,571 12 0	43 12 0	65 4 0	2,991 0 0	11 10 0	39 7 8	45 0 0	58 4 0	12,786 10 8
1896-97.....	2,062 4 0	36 0 0	79 0 0	2,241 0 0	8 6 0	28 0 0	137 6 1	54 0 3	10,600 13 7

Refunds.

27. The total amount of refunds for which certificates were granted on account of vacancies and over-collections under all heads amounted to Rs. 14,439-13-8 ; the details are as under :—

Taxes.	For 1889-90.	For 1890-91.	For 1892-93.	For 1893-94.	For 1894-95.	For 1895-96.	For 1896-97.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax	....	....	10 9 3	27 2 5	22 15 8	3,606 14 1	2,470 11 1	6,138 4 6
Water Tax	21 9 8	21 9 8	....	1 7 1	174 8 3	1,359 8 9	1,008 7 11	2,587 3 4
Halalkhor Tax	....	....	....	1,456 4 10	924 13 3	2,544 2 6	758 15 0	5,684 3 7
Wheel Tax	....	....	....	.....	....	.....	26 0 0	26 0 0
Meter Hire	....	....	....	.....	....	.....	4 2 3	4 2 3
Total ..	21 9 8	21 9 8	10 9 3	1,484 14 4	1,122 5 2	7,510 9 4	4,268 4 3	14,439 13 8

Appeals to the Chief Judge of the Small Causes Court.

28. There were only fourteen appeals as under :—

Subject of Appeal.	No. of appeals.	How disposed of.				Total.
		Dismissed.	Allowed.	Withdrawn by the appellants.	Settled by consent.	
Valuation	12	2	2	.....	8	12
Halalkhore Tax	1	1	.....	.....	.....	1
Valuation and Halalkhore Tax ...	1	.....	.....	.....	1	1
	14	3	2	.....	9	14

29. The attached tables Nos. I to XVIII show the details of the working of the department during 1896-97.

30. In para. 3 I have referred to the disarrangement of all business throughout the city, and to the sickness, deaths and absenteeism, caused by the plague. It was fully anticipated that such grave causes would have affected, very materially, the assessments of properties, and the taxes levied. Such, however, has not been the case ; for, whilst at the end of 1895-96, the total rateable value of properties was Rs. 2,54,31,193, and the total amount of taxes leviable was Rs. 40,18,361, at the end of 1896-97, the year under report, the figures are—rateable values Rs. 2,60,34,857 and taxes Rs. 41,58,766.

31. The collection was, however, materially affected, as the large outstandings at the close of the year shew ; but, as further shewn, the balance on 15th instant was only Rs. 64,378-15-4.

32. I have to place on record the deaths from plague of the 1st Assistant Assessor Mr. Perozshah Rustomjee, of registration clerk Daji Narayen, of ward clerk Balkrishna Gajanan, and of ward office clerk Ramchandra Gangadhar, and of 5 peons. Three registration clerks were dismissed for absence from duty without leave.

33. In reporting the death of Mr. Perozshah I stated that the Corporation have lost in him a good and faithful servant. I desire to record that observation here.

34. I beg to bring to the Commissioner's notice the fact that, with some exceptions, the Assistant Assessors, Ward Superintendents and the Ward staff have worked very satisfactorily. The latter part of 1896-97 was a time of much anxiety and harrassment, but difficulties were overcome, and the year has ended more prosperously than was expected. Before ending I would call especial attention to Table xii, which shews the bills written off as irrecoverable. The smallness of the amount testifies, I would submit, to the fair organization of, and hard work by, the Department.

Table I.

Number of Properties on the Assessment Book at the close of 1896-97.

Wards.	Classification of properties according to Description.					Classification of properties according to Liabilities.					Remarks.
	Buildings.	Salt-pans.	Lands.	Miscellaneous tanks, wells, &c.	Total.	Number assessed to General Tax.	No. exempted or compounded for on special terms.	Small plots of unproductive land for which no bills are issued.	Number without valuation.	Total.	
A	3,768	...	873	59	4,700	3,751	928	21	.....	4,700	
B	5,197	...	1,060	26	6,283	5,211	1,064	8	.....	6,283	
C	8,087	...	492	140	8,719	8,239	474	4	2	8,719	
D	4,332	...	624	53	5,009	4,574	412	19	4	5,009	
E	6,909	...	2,324	230	9,463	8,224	1,172	60	7	9,463	
F	2,708	146	6,678	41	9,573	4,383	270	4,918	2	9,573	
G	4,494	...	4,574	144	9,212	6,271	241	2,700	.....	9,212	
Total...	35,495	146	16,625	693	52,959	40,653	4,561	7,730	15	52,959	

Table II.

Number of New Buildings and Buildings demolished and enlarged in 1896-97.

Wards.	New Buildings in 1896-97.					Buildings demolished in 1896-97.	Buildings enlarged.
	April to June.	July to September.	October to December.	January to March.	Total.		
A	21	32	12	25	90	74	33
B	19	2	10	2	33	58	35
C	34	11	25	15	85	65	64
D	30	43	14	21	108	35	43
E	35	30	29	20	114	95	49
F	25	17	5	8	55	29	33
G	74	39	28	9	150	31	40
Total ...	238	174	123	100	635	387	297

Table III.

Statement showing the Opening and Closing Assessment for 1896-97.

Wards	Opening Assessment.	Valuation after Complaint.	Deduct at 10 per cent.	Net or rateable Value.	General Tax leviable (8¾ per cent.)	General Tax (Bills not issued, General Tax being less than 4 As. for the Half-year).	General Tax (exempted).	Subsequent Amendments. Increase. Gross Value.	Increase. General Tax.	Decrease. Gross Value.	Decrease. General Tax.	Closing Assessment. Gross Value.	Net Value.	General Tax (leviable).	General Tax (Bills not issued, General Tax being less than 4 As. for the Half-year).	General Tax (exempted).	Total General Tax.
	7	9	10	11	12	12-A	13					9	11	12	12-A	13	
	Rs.	Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs. a. p.	Rs.	Rs. a. p.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A ..	97,83,375	98,05,112	9,79,963	88,25,149	6,24,575 9 10	8 1 10	1,25,553 12 7	1,23,522	7,876 1 3	1,34,100	7,580 12 10	97,94,634	88,15,626	6,24,870 14 3	8 1 10	1,24,450 6 4	7,49,329 6 5
B ..	43,47,511	43,19,397	4,30,793	38,88,604	3,21,815 10 2	0 6 8	8,715 12 4	42,658	2,978 3 10	27,342	1,903 7 9	43,34,713	39,02,389	3,22,890 6 3	0 6 8	8,812 13 5	3,31,703 10 4
C ..	57,18,154	56,95,140	5,67,863	51,27,277	4,13,570 3 0	2 4 8	22,246 9 0	86,158	5,955 12 3	39,880	2,629 3 0	57,41,418	51,68,927	4,16,896 12 3	2 4 8	22,460 2 3	4,39,360 3 2
D ..	30,01,192	30,08,264	2,99,120	27,04,144	2,18,879 11 10	4 10 10	10,968 9 2	85,960	6,166 14 10	21,898	1,577 13 5	30,67,326	27,61,799	2,23,468 13 3	4 10 10	11,280 8 1	2,34,754 0 2
E ..	34,48,128	34,74,798	3,45,712	31,29,086	2,38,995 8 10	20 13 8	26,956 15 3	1,13,708	6,728 9 9	42,776	2,537 11 1	35,45,730	31,92,925	2,43,186 7 6	21 3 2	28,192 2 7	2,71,399 13 3
F ..	10,64,614	10,35,501	1,01,417	9,34,084	74,643 15 4	773 1 9	3,978 0 11	25,379	1,914 9 3	7,877	602 10 7	10,53,003	9,49,836	75,955 14 0	773 4 1	4,004 2 9	80,733 4 10
G ..	13,34,367	13,38,494	1,31,733	12,06,761	95,914 9 8	529 10 10	6,124 15 8	67,350	4,497 13 3	14,950	976 2 4	13,90,894	12,53,921	99,436 4 7	526 12 7	6,614 14 1	1,06,577 15 3
Total.	2,87,03,341	2,86,71,706	28,56,601	2,58,15,105	19,88,395 4 8	1,339 2 3	2,04,544 10 11	5,44,735	36,118 0 5	2,88,823	17,807 13 0	2,89,27,618	2,60,45,425	20,06,705 8 1	1,336 11 10	2,05,815 1 6	22,13,857 5 5

Subsequent Amendments.

Wards.	Reduction.	Enhancement.
	Rs.	Rs.
A ..	1,34,100	1,23,522
B ..	27,342	42,658
C ..	39,880	86,158
D ..	21,898	85,960
E ..	42,776	1,13,708
F ..	7,877	25,379
G ..	14,950	67,350
Total ..	2,88,823	5,44,735

Table IV.

Complaints disposed of during the Year 1896-97.

Wards.	Number of Complaints received.	Original value.	Valuation revised on Complaints.	Difference. Decrease.	Difference. Increase.	Remarks.
		Rs.	Rs.	Rs.	Rs.	
A	294	7,16,157	7,31,894	.....	15,737	
B	469	5,70,772	5,42,658	28,114	.....	
C	660	7,42,233	7,19,219	23,014	.....	
D	273	2,92,361	2,94,433	.....	2,072	
E	453	4,52,742	4,79,412	.....	26,670	
F	151	1,15,048	85,935	29,113	.....	
G	225	1,18,794	1,22,921	.....	4,127	
Total ...	2,525	30,08,107	29,76,472	80,241	48,606	

Table V.

Statement showing Increase and Decrease in Valuation for 1896-97.

Wards.	Original Valuation.	Revised Valuation.	Decrease.				Increase.					Remarks.
			Over-Assessment.	Demolition.	Falling off in Rents.	Other Causes.	Under-Assessment.	New Houses.	Enlarged or improved.	Rise in Rents.	Other Causes.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
A	2,53,784	2,87,199	...	...	...	...	4,054	...	...	29,361	...	
B	4,51,210	5,62,103	...	...	...	...	1,058	1,824	...	1,08,011	...	
C	5,31,647	6,72,491	...	...	...	...	...	...	...	1,40,844	...	
D	1,32,584	1,62,024	...	...	...	360	...	...	...	29,458	342	
E	1,99,979	2,72,607	...	...	...	...	6,247	...	...	65,566	815	
F	68,183	85,885	...	...	...	237	...	...	...	11,237	6,702	
G	27,608	36,001	238	...	...	...	...	466	...	8,162	8	
Total ...	16,64,995	20,78,310	238	...	...	597	11,359	2,290	...	3,92,639	7,862	

Table VI.

Statement showing Increase and Decrease for 1896-97.

Wards.	Original Valuation.	Revised Valuation.	Decrease.				Increase.					Remarks.
			Over-Assessment.	Demolition.	Falling off in Rents.	Other Causes.	Under-Assessment.	New Houses.	Enlarged or improved.	Rise in Rents.	Other Causes.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
A	5,81,782	5,97,519	40,375	5,365	...	23,197	6,058	44,019	34,483	...	114	
B	3,98,957	3,70,843	38,302	4,778	...	...	888	9,335	2,429	2,314	...	
C	4,73,371	4,50,357	40,309	4,249	...	...	1,972	14,382	5,190	...	...	
D	2,47,771	2,49,843	17,717	6,424	...	...	693	22,728	2,792	...	...	
E	3,09,657	3,36,327	25,881	2,339	...	3,590	171	26,358	11,329	...	20,622	
F	1,15,048	85,935	6,623	25,109	79	2,200	45	2,839	1,661	...	353	
G	1,06,918	1,11,045	5,057	4,291	...	182	3	11,204	2,294	156	...	
Total ...	22,33,504	22,01,869	1,74,264	52,555	79	29,169	9,830	1,30,865	60,178	2,470	21,089	

Table VII.

Statement showing Increase and Decrease for 1896-97.

Ward.	Original.					Revised.		Actual Amount recoverable.			Decrease.				Increase.					Remarks.
	Gross Value.	Net Value.	General Tax.	Water Tax.	Halalkhor Tax.	Gross Value.	Net Value.	General Tax.	Water Tax.	Halalkhor Tax.	Over-Assessment.	Demolition.	Falling off in Rents	Other Causes.	Under-Assessment.	New Houses.	Enlargement or Improvement.	Rise in Rents.	Other Causes.	
	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	17,70,122	15,93,124	1,25,415 9 7	5,152 15 0	11,850 10 6	17,80,356	16,02,368	1,25,710 14 0	6,809 9 2	11,394 1 0	36,758	57,439	697	25,703	24	75,430	33,390	9,939	12,045	
..	1,50,880	1,35,793	11,161 2 4	4,883 8 10	4,437 15 6	1,68,639	1,51,919	12,235 14 5	5,314 2 2	5,067 4 2	7,855	27,344	..	480	129	34,142	15,995	3,066	156	
..	2,65,548	2,39,089	18,790 4 2	9,156 12 2	9,574 3 5	3,39,670	3,05,816	22,116 13 5	10,728 7 5	10,204 9 8	14,295	25,095	..	135	600	70,205	42,586	..	256	
..	2,50,817	2,25,822	15,889 4 2	7,555 2 0	7,544 10 4	3,33,152	2,99,926	20,478 5 7	9,412 0 5	16,626 3 2	4,800	10,668	14	6,174	420	82,324	12,024	..	9,223	
..	5,20,428	4,68,505	36,320 1 8	7,183 3 3	11,497 0 4	5,97,088	5,37,492	40,511 0 4	7,644 5 1	11,912 9 9	29,934	18,411	30	3,960	12,558	68,219	21,779	12,148	14,291	
..	2,02,217	1,82,027	15,338 10 6	1,565 1 2	1,188 11 9	2,29,012	2,06,171	16,650 9 2	1,875 15 3	1,510 7 6	1,024	7,588	..	2,230	..	10,523	7,798	1,323	17,993	
..	4,08,783	3,63,464	30,525 4 8	2,036 15 1	4,710 3 6	4,63,770	4,17,449	34,046 15 7	2,222 13 10	3,933 10 3	3,887	3,381	..	5,121	..	51,844	18,112	710	1,710	
otal ..	35,63,795	32,07,824	2,53,440 5 1	37,533 9 6	50,803 7 4	39,11,737	35,21,141	2,71,750 8 6	44,007 5 4	60,648 13 6	98,553	1,49,926	741	43,803	13,731	3,92,687	1,51,684	27,186	55,677	

Table VIII.

Water and Halalkhor Taxes levied during the year 1896-97.

Ward.	Water Tax.				Halalkhor Tax.			Remarks.
	On Assessed Value.	By Meter Measurement.	Compounded.	Total.	On Assessed Value.	Special Service.	Total.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
A	1,03,411 14 8	3,03,569 5 0	22,132 8 6	4,29,113 12 2	1,03,698 2 10	59,332 2 11	1,63,030 5 9	
B	1,44,289 7 7	14,540 2 11	719 2 2	1,59,548 12 8	1,11,799 11 0	487 3 11	1,12,286 14 11	
C	1,81,774 12 9	26,319 7 7	2,084 15 6	2,10,179 3 10	1,50,547 11 5	270 1 7	1,50,817 13 0	
D	84,930 2 2	60,379 15 9	1,822 14 6	1,47,133 0 5	73,218 12 4	14,538 0 0	87,756 12 4	
E	80,760 6 3	1,35,535 0 4	5,713 7 2	2,22,008 13 9	71,368 15 9	32,873 3 3	1,04,242 3 0	
F	17,492 10 11	47,066 4 0	840 8 7	65,399 7 6	16,569 4 9	15,460 6 1	32,029 10 10	
G	18,267 8 7	2,02,337 1 2	560 0 10	2,21,164 10 7	19,781 12 4	27,567 10 4	47,349 6 8	
Total ...	6,30,926 14 11	7,89,747 4 9	33,873 9 3	14,54,547 12 11	5,46,984 6 5	1,50,528 12 1	6,97,513 2 6	

Table IX.

Bills issued in 1896-97.

Years.	No. of Bills.			General Tax.	Water Tax.	Halalkhor Tax.	Total.	Wheel Tax.	Grand Total.
	Property Taxes.	Wheel Tax.	Total.						
	Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1893-94	73	...	73	.....	89 9 11	13,841 0 4	13,930 10 3	.....	13,930 10 3
1894-95	90	1	91	.....	.....	16,896 7 2	16,896 7 2	16 0 0	16,912 7 2
1895-96	332	24	356	7,761 11 3	4,670 7 4	23,437 2 6	35,869 5 1	287 11 1	36,157 0 2
Total for former years	495	25	520	7,761 11 3	4,760 1 3	54,174 10 0	66,696 6 6	303 11 1	67,000 1 7
„ for 1896-97	75,097	14,499	89,596	17,01,289 3 1	14,54,547 12 11	6,97,513 2 6	38,53,350 2 6	1,85,321 12 4	40,38,671 14 10
Grand Total...	75,592	14,524	90,116	17,09,050 14 4	14,59,307 14 2	7,51,687 12 6	39,20,046 9 0	1,85,625 7 5	41,05,672 0 5

Table X.

Collections made in 1896-97, *including Adjustments.*

Years.	General Tax.	Water Tax.	Halalkhor Tax.	Total.	Wheel Tax.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1889-90	131 5 2	5 9 8	2 1 7	139 0 5	.....	139 0 5
1890-91	271 12 0	11 13 5	93 2 10	376 12 3	0 5 0	377 1 3
1891-92	272 2 0	15 1 6	95 10 0	382 13 6	.....	382 13 6
1892-93	272 2 0	25 6 6	101 11 9	399 4 3	70 11 0	469 15 3
1893-94	36 2 0	118 10 0	13,539 2 9	13,693 14 9	.....	13,693 14 9
1894-95	567 12 7	104 10 9	16,892 14 6	17,565 5 10	50 0 0	17,615 5 10
1895-96	16,651 14 10	18,738 0 7	30,080 0 6	65,469 15 11	2,844 3 11	68,314 3 10
Total for former years ...	18,203 2 7	19,019 4 5	60,804 11 11	98,027 2 11	2,965 3 11	1,00,992 6 10
„ for 1896-97 ...	15,91,460 5 6	13,50,157 13 9	6,33,069 6 10	35,74,687 10 1	1,69,412 1 7	37,44,099 11 8
Collection with Adjustment—						
Government Contribution... ...	98,374 0 0	.....	.....	98,374 0 0	.....	98,374 0 0
Port Trust Contribution	1,52,482 0 0	.....	.....	1,52,482 0 0	.....	1,52,482 0 0
Grand Total ...	18,60,519 8 1	13,69,177 2 2	6,93,874 2 9	39,23,570 13 0	1,72,377 5 6	40,95,948 2 6

Bubonic has ic, and s.

634. In Umarkhadí it began to be epidemic at the beginning of November.

635. In Dongri it began to be epidemic in the second week of November.

636. In Chuckla it began to be epidemic in the middle of November

637. In the Fort (North) it began to be epidemic in the first week of December.

638. In the Esplanade, Bubonic Plague began to be mildly epidemic in the middle of December.

639. In Fort (South) it began to be mildly epidemic in the third week of December.

640. In Upper Colaba it began to be epidemic at the end of January.

the

641. The operations of the Plague Committee practically commenced on the 1st of April, although I organized the first house-to-house inspection on the 17th of March. It will be observed that, with the exception of one period, the fall in the mortality was continuous through the weeks preceding and following the appointment of the Plague Committee. The disease had reached its maximum intensity before the end of January. The greatest number of deaths on any one day occurred on the 15th of January. The Plague Committee was appointed on the 5th of March.

lity to

642. The table shows that the mortality continued to decline after the operations of the Plague Committee had commenced in the same ratio that it had decreased before. It is very remarkable this uniformity in the decrease of mortality before and after the operations of the Plague Committee.

643. The epidemic had declined and the mortality had fallen for weeks before compulsory segregation was attempted by the Plague Committee.

644. Looking at the table, it must be admitted that the decrease in the mortality followed very much the same course after as before the formation and operations of the Plague Committee.

645. The figures indicate that the measures of the Plague Committee had no more perceptible influence on the decrease in the mortality than the measures of the Health Department, while if we take one class of the population—Mussulman they seem, difficult as it is to explain the cause, to have had less effect. There is no other possible conclusion to be drawn from this table.

" tionately heavy to the appearance and development of Bubonic " Plague over the Island. During October 1896 when Bubonic " Plague was prevalent in the one district of Mandvi representing a " population of 37,295 the total number of deaths rose to 791 in the " week ending 6th October and while in December when Bubonic " Plague was prevalent over the Island, the mortality advanced in the " week ending 29th December to only 1,853. The measures that " have been adequate to stamp Bubonic Plague out of the district of " Mandvi have been and will be sufficient to stamp the disease out " of all the districts in which the disease has been or is now prevalent. " A progressive decrease in the mortality may now be hoped for."

628. From the week ending the 9th of February the weekly mortality declined (with the exception of one week) continuously till the end of May.

629. If, however, the incidence of the mortality by days is more closely examined, it will be observed that, as in the ascent in the development of the mortality so in the descent in the decadence of the pestilence, there were successive periods of fluctuation and recrudescence. In the decadence of the pest as in the period of its growth it languished or revived. Incidence of mortality

630. The line of the incidence of the mortality in different classes indicates that the disease followed nearly the same course in two classes of the population—Hindus and Hindu Outcastes—and with numerous repressions, reached its maximum intensity in February. Hindu

631. The mortality in the Parsee community rose from the middle of December more continuously than in any other community, and declined very unevenly. The mortality amongst Mussulman and Europeans followed a not dissimilar course, marked by a series of small elevations and depressions. The lower range of mortality shown in the diagra amongst Europeans and Mussulmans than in any other classes is very remarkable, and yet these are the two classes that departed from the City in the smallest numbers. Parsees, Mussulman and Europeans.

632. It has to be remembered that a greater number of cases occurred amongst Mussulman than shown in the statistics, although the diagram shows that in April, when the total number of deaths amongst Mussulmans was large, and when segregation was enforced, and when the general mortality in the City had greatly declined and long after the epidemic had passed over the localities chiefly inhabited by Mussulmans, the death-rate from Bubonic Plague was very slightly higher than before in this community.

633. In Lower Colaba Bubonic Plague began to be epidemic in the beginning of October.

Table XI.

Bills Recalled and Cancelled in 1896-97 *as Erroneous.*

Years.	General Tax.	Water Tax.	Halalkhor Tax.	Total Property Taxes.	Wheel Tax.	Grand Total.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1893-94	.....	.....	903 10 0	903 10 0	.....	903 10 0	
1894-95	.....	259 3 4	4,045 0 10	4,304 4 2	11 0 0	4,315 4 2	
1895-96	9,805 4 1	3,712 9 0	7,848 9 7	21,366 6 8	2,594 4 5	23,960 11 1	
Total ...	9,805 4 1	3,971 12 4	12,797 4 5	26,574 4 10	2,605 4 5	29,179 9 3	

Table XII.

Statement showing the Bills written off in 1896-97 *as Irrecoverable* (vide *Standing Committee's Resolutions Nos.* 438, 5144, 7017 and 10552 *of* 1896-97).

Years.	General Tax.	Water Tax.	Halalkhor Tax.	Total.	Wheel Tax.	Total.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1893-94	.....	.....	0 15 8	0 15 8	30 4 5	31 4 1	
1894-95	.....	.....	.....	.....	73 15 8	73 15 8	
1895-96	1 1 9	0 13 9	0 10 3	2 9 9	166 15 9	169 9 6	
Total ...	1 1 9	0 13 9	1 9 11	3 9 5	271 3 10	274 13 3	

Table XIII.

Outstanding Balance on 31st March 1897.

Years.	Bills Nos.	General Tax.	Water Tax.	Halalkhor Tax.	Total.	Wheel Tax.	Total.	Meter Hire.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1888-89	1	12 2 2	6 1 1	4 8 9	22 12 0	.....	22 12 0	.....	22 12 0
1889-90	4	101 2 4	47 9 8	27 9 7	176 5 7	.....	176 5 7	.....	176 5 7
1890-91	9	160 4 9	73 4 7	54 15 5	288 8 9	15 11 0	304 3 9	.....	304 3 9
1891-92	9	49 7 0	138 12 2	19 2 1	207 5 3	71 0 0	278 5 3	.....	278 5 3
1892-93	18	93 13 6	364 10 5	33 9 11	492 1 10	43 13 6	535 15 4	.....	535 15 4
1893-94	57	115 15 6	52 12 8	710 6 7	879 2 9	11 0 0	890 2 9	.....	890 2 9
1894-95	61	223 3 8	117 1 1	815 11 0	1,155 15 9	26 0 0	1,181 15 9	.....	1,181 15 9
1895-96	208	4,310 14 5	1,748 4 11	6,945 5 11	13,004 9 3	205 10 0	13,210 3 3	.....	13,210 3 3
For former years...	367	5,066 15 4	2,548 8 7	8,611 5 3	16,226 13 2	373 2 6	16,599 15 8	.....	16,599 15 8
Total for 1896-97...	7,495	1,09,828 13 7	1,04,389 15 2	64,443 11 8	2,78,662 8 5	15,909 10 9	2,94,572 3 2	1,575 11 8	2,96,147 14 10
GRAND TOTAL.	7,862	1,14,895 12 11	1,06,938 7 9	73,055 0 11	2,94,889 5 7	16,282 13 3	3,11,172 2 10	1,575 11 8	3,12,747 14 6

Table XIV.

Statement showing the number of Vehicles and Animals taxed in 1896-97.

Wards.	Number at the end of the Year.							Amount of Tax levied.					Remarks.
	4-wheeled Vehicles.	2-wheeled Vehicles.	Vehicles drawn or impelled otherwise than by horses, ponies, &c.	Horses above 12 hands.	Horses under 12 hands.	Bullocks.	Donkeys.	4th quarter, ending 31st March 1896.	1st quarter, ending 30th June 1896.	2nd quarter, ending 30th September 1896.	3rd quarter, ending 31st December 1896.	Total Actual.	
								Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
A	683	154	110 H.C.	870	28	74	...	9,244 5 8	8,965 10 0	8,828 14 0	8,801 0 0	35,839 13 8	
B	664	61	55	628	47	35	...	7,442 4 0	7,533 14 0	7,534 1 0	7,241 13 0	29,752 0 0	
C	943	95	87	879	46	94	...	10,238 12 0	10,790 1 0	10,634 3 0	10,428 9 0	42,091 9 0	
D	964	169	29	1,084	66	50	1	12,076 6 0	11,610 7 0	11,288 14 0	11,475 9 0	46,451 4 0	
E	850	90	5	348	25	110	...	6,620 6 0	4,642 11 0	4,593 15 0	4,530 9 8	20,387 9 8	
F	68	129	11	58	8	197	...	1,481 5 0	1,507 4 0	1,243 1 0	1,336 13 0	5,568 7 0	
G	75	119	10	72	13	188	...	1,370 11 0	1,336 7 0	1,179 8 0	1,344 7 0	5,231 1 0	
Total ...	3,747	817	307	3,939	233	748	1	48,474 1 8	46,386 6 0	45,302 8 0	45,158 12 8	1,85,321 12 4	

Table XV.

Statement showing $\frac{1}{5}$th Drawback [under Section 158(2) of the Municipal Act, 1888] allowed for 1896-97.

Ward.	1st Half.		2nd Half.		Total for the Year.			Net amount of drawback allowed in the bills.	Remarks.
	No. of Claims.	Amount.	No. of Claims.	Amount.	No. of Claims.	Total amount of Drawback.	Drawback not deducted in the bills, but allowed or refused or otherwise.		
		Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	
A	364	3,505 6 3	399	3,963 1 0	763	7,468 7 3	.....	7,468 7 3	
B	1,465	6,216 3 3	1,472	5,600 3 10	2,937	11,816 7 1	.....	11,816 7 1	
C	1,747	8,586 4 6	1,812	8,806 6 6	3,559	17,392 11 0	.....	17,392 11 0	
D	760	2,663 3 8	764	2,631 14 2	1,524	5,295 1 10	.....	5,295 1 10	
E	1,606	4,853 2 1	1,530	4,523 15 11	3,136	9,377 2 0	52 5 0	9,324 13 0	
F	354	778 1 1	303	745 5 0	357	1,523 6 1	.....	1,523 6 1	
G	241	855 5 11	252	884 0 10	493	1,739 6 9	.....	1,739 6 9	
Total ...	6,537	27,457 10 9	6,532	27,154 15 3	13,069	54,612 10 0	52 5 0	54,560 5 0	

Table XVI.

Refunds allowed in 1896-97.

Taxes.	For 1889-90.	For 1890-91.	For 1892-93.	For 1893-94.	For 1894-95.	For 1895-96.	For 1896-97.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax	.....	.....	10 9 8	27 2 5	22 15 8	3,606 14 1	2,470 11 1	6,138 4 6
Water Tax	21 9 8	21 9 8	.....	1 7 1	174 8 3	1,359 8 9	1,008 7 11	2,587 3 4
Halalkhor Tax	.....	.....	.....	1,456 4 10	924 13 3	2,544 2 6	758 15 0	5,684 3 7
Wheel Tax	.....	.....	.....	.....	.....	.....	26 0 0	26 0 0
Notice Fees	.....	.....	.....	.....	.....	.....	.....	.....
Warrant Fees	.....	.....	.....	.....	.....	.....	.....	.....
Meter Hire	.....	.....	.....	.....	.....	.....	4 2 3	4 2 3
Toll Fees	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	21 9 8	21 9 8	10 9 8	1,484 14 4	1,122 5 2	7,510 9 4	4,268 4 3	14,439 13 8

Table XVII.

Statement of Receipts from Taxes on Public Land Conveyances and Tolls at Mahim and Sion Causeways.

	For former Years.	For 1896-97.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Tax on public land conveyances	.....	58,450 12 0	58,450 12 0
License fees	.....	2,638 2 0	2,638 2 0
Fees for badges	.....	3,627 12 0	3,627 12 0
Toll at Mahim and Sion Causeways received direct in the Chief Accountant's Office...	.....	15,863 4 0	15,863 4 0
Total ...	.....	80,579 14 0	80,579 14 0

Table XVIII.

Statement of Receipts from Miscellaneous Sources.

Particulars.	Amount.
	Rs. a. p.
Notice fees	2,062 4 0
Warrant fees	86 0 0
Inspection fees	79 0 0
Battakee fees	2,241 0 0
Duplicate bill fees	8 6 0
Sundries—Copies of office records, &c.	28 0 0
Fees for producing books in the Courts and for supplying information from office records	137 6 1
Miscellaneous receipts including sale of old records printed, Assessment Books and copies of Draw-back conditions	54 0 3
Meter hire	10,600 13 7
Total ...	15,246 13 11

I.—REVENUE AUDIT.

1.—Assessor and Collector's Department.

(*a*) *Ward Offices.*

2. The balances and books of the 57 ward clerks in the seven wards of the City were duly examined at the end of each quarter. The amount of audit work done on each of these occasions is shown in detail in Appendix A, the totals being transcribed below for ready reference :—

Ward Balances Examined.

On 8th April 1896.		On 1st July 1896.		On 1st Oct. 1896.		On 4th Jan. 1897.		Total.	
No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.
	Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
2,196	80,372 12 5	14,493	7,58,935 5 9	2,802	1,40,572 3 3	14,791	7,44,587 2 3	34,282	17,24,467 7 8

3. The 34,282 bills for Rs. 17,24,467-7-8 were duly checked in detail with the Ward Office bill book, Form 16 (every entry in which was subjected to scrutiny), and in totals, which were themselves tested with the book, kept under para. 9 at page 155 of the Manual, which is practically the Ward Clerk's Ledger. They were also checked with the Head Office Accounts (Forms 8 and 9) both in detail and in totals respectively.

(*b*) *Head Office.*

4. The Assessment Book in both its parts—one for the General Tax and the other for the Water and Halalkhor Taxes—was duly examined, and the exemptions from the payment of the General Tax, the Water Tax, and the Halalkhor Tax were duly checked with a view to ascertain that no property liable to pay any or all of these taxes had escaped

assessment. Appendix B shows the work done in detail, the following being an abstract of its totals :—

Total No. of Properties on the Assessment Book.	Of which number exempted from payment of						Remainder, which pay		
	The General Tax.				The Water Tax.	The Halal-khor Tax.	The General Tax.	The Water Tax.	The Halal-khor Tax.
	Religious and Charitable Institutions.	Properties vesting in and occupied by the Corporation.	Properties of small value, for which no Bills are issued.	Total.					
52,961	1,891	1,202	7,465	10,558	16,889	17,217	42,403	36,072	35,744

5. The vehicle and animal tax book, kept under Section 186 of the Act, was also examined, and all the entries therein checked with the quarterly returns of the Ward Superintendents, and, where necessary, also with the owners' returns under Section 187, and with the charges made for the preceding quarter. The following table shows the total number of entries so checked for each quarter, Appendix C giving the details for each ward :—

1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total.
3,932	4,416	4,766	5,098	18,212

6. As the year recognised by the Bombay Act VI of 1863 is the calendar year, the revenue from the tax on public land conveyance licensed by the Commissioner of Police under that Act was also audited for the twelve months, from 1st January to 31st December 1896, the certificates of issue of licenses supplied by that officer under arrangements made with him having been duly checked with the register kept by the Superintendent of the Byculla Ward. The following table shows the work done :—

Description of Public Land Conveyance.	No. of Certificates or Vouchers.	Amount of Revenue, including Fees for Badges, &c.
		Rs. a. p.
Victorias	1,010	60,623 3 0
Riding hackeries or recklas	572	7,408 12 0
Labour carts	5,857	1,05,453 0 0
Total ...	7,439	1,73,484 15 0

7. Appendix D shows the number of claims to one-fifth drawback under Section 158 (2) of the Act, which were scrutinized by this office during 1896-97, the totals being abstracted below :—

1st half of 1896-97.			2nd half of 1896-97.			Total for the year.		
Number of claims received	Number of claims admitted.	Amount of drawback sanctioned.	Number of claims received	Number of claims admitted.	Amount of drawback sanctioned.	Number of claims received	Number of claims admitted.	Amount of drawback sanctioned.
		Rs. a. p.			Rs. a. p.			Rs. a. p.
6,494	4,785	27,405 5 9	6,484	4,655	27,154 15 3	12,978	9,440	54,560 5 0

8. The alterations in value and in demand made through the Increase and Decrease Forms 11, 11A, and 11B, were duly checked with the authority for such alterations, as contained in your orders in the Tabulated Ward Report (Form 13) and in separate sanctions recorded in the Audit Note Books kept in this office. Appendix E exhibits the details of the alterations, of which the following are the totals :—

Total number of Increase and Decrease entries in Forms 11, 11A and 11B.	Original Valuation.	Amended or Revised Valuation.	Difference, being net Increase.
1	2	3	4
	Rs.	Rs.	Rs.
6,676	80,47,214	89,94,661	9,47,447

9. The number of complaints against valuations under Section 163 heard by me was 595 in B or Mandvi Ward, 220 in D or Girgaum Ward, 128 in G or Mahim Ward, giving a total of 943. The total number of the decisions on complaints against amendments under Section 167 of the Municipal Act, which were scrutinized by this office, amounted to 392 from all the seven wards of the City.

10. Irrecoverable bills for Rs. 274-13-3, as per details given in the subjoined table, were scrutinized and submitted to you in the prescribed form for action under Section 216 of the Act :—

Ward.	No. of Bills.	Amount. Tax on Vehicles and Animals.	Property Taxes.	Charges for Water by meter measurement.	Special Halalkhor Tax.	Notice Fee.	Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A ...	11	118 3 5	...	...	0 15 8	...	119 3 1
B. ...	2	17 11 0	...	...	...	...	17 11 0
C ...	10	57 5 5	...	...	...	...	57 5 5
D ...	...	...	...	...	...	...	.....
E ...	7	47 0 0	2 9 9	...	...	...	49 9 9
F ...	4	27 0 0	...	...	...	...	27 0 0
G ...	1	4 0 0	...	...	...	...	4 0 0
Total.	35	271 3 10	2 9 9	...	0 15 8	...	274 13 3

The Standing Committee sanctioned their being written off in their Resolutions Nos. 438, 5144, 7017, and 10552, dated 15th April 1896, 19th August 1896, 14th October 1896, and 13th January 1897.

11. The preliminary lists of voters under Section 19 for the final Election Roll under Section 21 were duly scrutinized.

12. The demands, collections, and balances of the Department at the close of the year, as duly audited in the manner contemplated by the Manual, are shown in Appendix F in detail and summarized in the following table.

	The General Tax.	The Water Tax.	The Halalkhor Tax.	The Vehicle and Animal Tax.	The Tax on Public Land Conveyance.	Miscellaneous Revenue.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I—Total demands as represented by bills issued ...	20,65,877 10 11	15,06,598 14 8	8,07,389 4 1	1,95,466 4 0	1,61,360 12 0	29,170 12 7	47,65,863 10 3
II—Deduct bills recalled, which were either cancelled or for which amended bills were issued	90,461 4 2	30,482 7 0	40,458 6 6	6,534 13 5	.....	224 0 0	1,68,160 15 1
III—Net demand for collection	19,75,416 6 9	14,76,116 7 8	7,66,930 13 7	1,88,931 6 7	1,61,360 12 0	28,946 12 7	45,97,702 11 2
IV—(*a*) Collections paid into the Treasury, including Departmental adjustment	18,60,519 8 1	13,69,177 2 2	6,93,874 2 9	1,72,377 5 6	1,61,360 12 0	27,371 0 11	42,84,679 15 5
(*b*) Irrecoverable bills written off	1 1 9	0 13 9	1 9 11	271 3 10	.....	.....	274 13 3
Total of IV ...	18,60,520 9 10	13,69,177 15 11	6,93,875 12 8	1,72,648 9 4	1,61,360 12 0	27,371 0 11	42,84,954 12 8
V—Balance at the close of the year...	1,14,895 12 11	1,06,938 7 9	73,055 0 11	16,282 13 3	.....	1,575 11 8	3,12,747 14 6

The collections were checked with receipts passed by the Chief Accountant, as also with his totals under each head, and the balances by an examination of the bills actually on hand in the several Ward Offices on 1st April 1897. They were found to be correct.

2—Engineer's Department.

13. The revenue books kept in the Streets and Buildings, Water Works, Drainage, and Special Drainage Branches of the Engineer's Department were duly checked each month with the permits, receipts, vouchers, and other papers supporting the several entries therein, the object of the audit being to see that the charges were correctly calculated at rates duly sanctioned, and that the collections as shown by the books were all paid into the Municipal Treasury. The following table shows the work carried out in detail :—

	Items.	Number of Vouchers examined.	Amount.		
			Rs.	a.	p.
1	Protections ; Verandahs, Balconies, Rewas, Weather Frames, &c.	43	6,378	8	3
2	The erection of Scaffolding, &c., on public land.	215	3,075	8	6
3	Opening Roads	2,172	2,985	0	0
4	Temporary occupation of public streets on marriages and other occasions	549	3,112	0	0
5	Licenses issued to Plumbers	86	860	0	0
6	Licenses issued to Surveyors	36	2,700	0	0
7	Supplying copies of office records and giving evidence...	1,791	183	6	0
8	Sale of Tender forms		174	12	0
9	Sale of rights of catching fish, cutting grass, collecting fruits and drawing toddy, &c. ...		10,192	4	7
10	Hire of Steam-rollers, Carts, &c.		4,242	2	8
11	Ground rents		2,713	2	6
12	Sale of building forms under Section 337 ...		284	8	0
13	Sale of repair forms under Section 342 ...		266	0	0
14	Sale of applications for water connections ...	2,286	370	0	0
15	Sale of right of cutting grass		1,904	13	7
16	Sale of Tender forms		157	0	0
17	Fees for testing water pipes, meter fittings, &c.		810	1	2
18	Meter hire...		1,100	9	7
	Total...	7,178	41,509	12	10

14. A comparison of the Engineer's accounts, with the Audit Note Book in this office which records your sanction in each case as it passes through this office, showed that in 23 cases the fees, the levy of which had been sanctioned by you in the course of the year under report, had not been collected and paid into the Municipal Treasury up to the close of the year, and these 23 cases were duly brought to the notice of the Executive Engineer in this office No. 319, dated the 10th May 1897, which was forwarded to him through you.

3—Health Department.

15. The revenue books kept in the Health Office were duly checked each month with the receipts, vouchers, and other papers supporting the entries therein, the object of the audit being to ascertain that the amounts collected as shown by the books were at the rates fixed under due authority, and that they were all paid into the Municipal Treasury. The following table exhibits in detail the number of receipts or vouchers examined under each head of revenue and the amount of such revenue :—

	Head of Revenue.	Number of Receipts or Vouchers examined.	Amounts
			Rs. a. p.
1	Digging graves	8,115	4,637 0 0
2	Removal of carcasses of animals	6,937	6,397 10 0
3	Supplying copies of office records, giving evidence, &c.	276	332 8 0
4	Rent of Mahalakshmi Dhobiwada	5,300	17,021 10 0
5	Rent of reclamation grounds	492	18,101 4 0
6	Rearing and catching fish, &c.		.....
7	Grazing cattle and cutting grass, &c.		.....
8	Sale of bones, manure, waste paper, &c. ...		1,089 4 0
9	Cleaning drains		1,556 0 8
10	Sale of Tender forms		27 4 2
11	Rent of Mody Bay milch cattle stables ...		3,908 0 0
12	Rent of Kamatipura milch cattle stables ...	805	8,158 7 0
13	Rent of Agripada milch cattle stables ...		3,481 13 0
	Total ...	21,925	64,710 12 10

4—Licensing Department.

16. Appendix G shows the number of licenses for 1896-97, the issue of which was sanctioned by you under Sections 394 and 393 of the Act for the several purposes mentioned in Schedule M, with the amount of fees leviable therefor. Each of the 5,488 cases for Rs. 59,666-8-0

therein referred to passed through this office, and was duly scrutinized by it, particularly with reference to the amount of fee leviable, as also in respect of the stamp duty payable in the case of explosives. The register of the Superintendent and the counterfoils of the several license books were also checked each month with the Audit Note Book kept in this office, in accordance with your No. 3176 of the 20th May 1890, and with the counterfoils of the receipts given by the Chief Accountant's Cashier, for the purpose of seeing that the full amount of fee leviable in each case was collected and paid into the Municipal Treasury. As in a large majority of cases you sanction the issue of a license after payment of the fee, the registers show no outstandings at the close of the year.

5—Markets and Slaughter Houses.

17. The registers and accounts kept were duly checked with the counterfoils of receipts issued to stall-holders, &c., and with the other vouchers available. The following tables show the work done :—

Market Revenue.

	Markets.	Number of Receipts or Vouchers examined.	Amount.	Total No. of Receipts or Vouchers examined.	Total. Amount.
			Rs. a. p.		Rs. a. p.
1	Fort General Market ...	530	8,943 6 0	530	8,943 6 0
2	Arthur Crawford Beef Market	332	11,475 4 0		
	Arthur Crawford Old Fish and Mutton Market ...	476	16,712 14 0		
	Arthur Crawford New Mutton Market...	272			
	Arthur Crawford Fruit and Vegetable Market ...	2,280	57,864 9 0		
	Arthur Crawford Godowns...	120	6,048 0 0		
	Arthur Crawford Fowl Rooms	348	3,207 0 0		
				3,828	95,307 11 0
3	Erskine Road Mutton Market	456	25,469 8 0		
	Erskine Road Old Fruit and Vegetable Market... ...	1,812	30,859 7 9		
	Erskine Road New Fruit and Vegetable Market... ...	512			
				2,780	56,328 15 9
4	Temporary Bhuleshwar Market at Pinjrapole	512	7,936 10 3	512	7,936 10 3
5	Colaba Market	280	1,590 2 0	280	1,590 2 0
6	Pedder Market	160	3,248 0 0	160	3,248 0 0
7	Foras Road Market	272	636 8 0	272	636 8 0
8	Sonapore Pork Market ...	2	100 0 0	2	100 0 0
9	DeLisle Road Sheep Market.	100	4,330 0 0	100	4,330 0 0
	Total ...	8,464	1,78,921 5 0	8,464	1,78,921 5 0

Other Revenue.

	Items.	Number of Receipts or Vouchers examined.	Amount.
			Rs. a. p.
1	Slaughter Fees	365	1,28,014 12 0
2	Butchers' License Fees	4,002	11,779 0 0
3	Weights and Measures	1,052	1,800 12 0
4	Contributions from Private Markets	216	3,076 0 0
5	Fair Ground Rent and Feeding Fees at Bandora Slaughter Houses...	12	65,566 0 0
6	Chawl Rent	.....	2,476 0 0
7	Miscellaneous	331	3,807 0 6
	Total ...	5,978	2,16,519 8 6

The total number of vouchers was 14,442 for Rs. 3,95,440-13-6. The total revenue collected appears duly credited in the Chief Accountant's books.

6—Victoria Gardens.

18. The revenue books kept in the Superintendent's office were duly checked with the counterfoils of receipts issued for the sale of garden produce. The following table shows the work done in detail :—

Sale Proceeds of Garden Produce.

	Items.	No. of Receipts or Vouchers.	Amount.
			Rs. a. p.
1	Flowers	2,172	1,877 3 0
2	Plants	495	2,635 7 0
3	Leaves	257	77 1 0
4	Seeds	92	156 10 0
5	Fruits	12	548 6 0
6	Miscellaneous	91	944 3 5
	Total ...	3,119	6,238 14 5

The total revenue collected appears duly credited in the Chief Accountant's books.

7—General.

19. As the monthly or quarterly audit of the several departments proceeded, the errors, irregularities, or omissions, which were discovered in the course of it, were brought to the notice of the heads of departments concerned by means of official communications addressed to them through you.

II—REFUND AUDIT.

1—Assessment Department.

20. The subjoined table shows the number and amount of claims to refund for vacancy under Sections 174 to 179 of the Act, and on account of over-collections which were scrutinized and sanctioned by this office in the year under report :—

Wards.	Number of Claims.	Amount of Refund sanctioned.
		Rs. a. p.
A. Fort and Colaba	134	3,448 4 1
B. Mandvi	84	973 0 10
C. Bhuleshwar	109	1,276 3 2
D. Girgaum	72	2,012 9 9
E. Byculla	92	3,679 4 5
F. Parel	29	2,067 14 6
G. Mahim	30	982 8 11
Total ...	550	14,439 13 8

The sum of Rs. 14,439-13-8 shown in the above table was sanctioned under the following heads of Revenue :—

Items.	Amounts. Rs. a. p.
1. General tax	6,117 3 4
2. Water tax	2,603 6 3
3. Halalkhor tax	5,693 4 1
4. Vehicle and Animal tax ...	26 0 0
5. Toll fees	.....
6. Meter hire	.....
7. Process fees	.....
Total Rs. ...	14,439 13 8

Town Duty Refunds.

21. As the Port Trustees and the two Railway Companies send in no administration report of the town dues collected by them on behalf of the Municipality, it is usual for this office to submit the two statements (compiled in respect of collections from figures supplied by

the Chief Accountant) marked as Appendices H and I to this report. The following table compares the total results for the year under report with those for the preceding year :—

Year.	Gross Revenue.	Total Refunds.	Net Revenue.
	Rs a. p.	Rs. a. p.	Rs. a. p.
1895-96	16,81,667 3 7	8,00,287 15 0	8,81,379 4 7
1896-97	15,30,411 2 1	7,86,771 1 0	7,43,640 1 1
Decrease in 1896-97 ...	1,51,256 1 6	13,516 14 0	1,37,739 3 6

22. From the detailed Statements H and I it will be seen that while the gross collections have fallen off in the year under report as compared with the previous year in respect of grain, sugar, wines and spirits, ghee, timber and firewood owing to smaller imports, there are slight increases under flour and beer, leaving a net decrease of Rs. 1,51,256-1-6. Against this decrease in the gross collections there is a net decrease of Rs. 13,516-14-0 in the refunds, being the difference between increases under the heads of sugar, beer and ghee, and decreases under those of grain, flour, wines and spirits and timber. The net result of these variations has been a small increase in the net revenue from grain and flour, and decreases under all other heads, notably sugar and ghee, the deficit in the former being Rs. 50,333-0-9 and in the latter Rs. 44,234-14-6.

23. The total amount of refunds claimed during the year was Rs. 8,17,331-4-0, of which sum Rs. 30,560-3-0 were retrenched as follows :—

	Rs. a. p.
On account of claims legally inadmissible	2,709 0 8
Excess of amounts claimed over those actually due	27,851 2 4
Total Rs, ...	30,560 3 0

24. The number of claims disposed of during the year was 27,701 (against 29,814 in the previous year), which gives an average of nearly 99 claims per every working day in the year.

Conclusion.

25. In addition to the above, the Office had to deal with correspondence of all departments affecting revenue which passes through this Office and with questions of principles relating to revenue, the importance of which can scarcely be judged by the number of inward and outward references which was respectively 3,562 and 4,018 in the year under report.

Appendix A.

STATEMENT of Balances examined quarterly during 1896-97.

Ward.	No. of Ward Clerks	Balances examined on 8th April 1896.		Balances examined on 1st July 1896.		Balances examined on 1st October 1896.		Balances examined on 4th January 1897.		Total Balance examined.	
		No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount	No. of Bills.	Amount.	No. of Bills.	Amount.
			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
A. Fort and Colaba ...	9	1,089	41,786 3 5	3,864	2,96,961 1 1	1,453	80,434 14 4	3,664	2,74,536 13 1	10,070	6,93,718 15 11
B. Mandvi	9	149	3,987 4 4	2,744	1,49,089 13 11	120	2,860 7 4	2,589	1,37,142 10 3	5,602	2,93,080 3 10
C. Bhuleshwar	12	140	4,426 4 6	2,849	1,36,363 2 9	233	6,892 5 11	3,359	1,50,246 6 3	6,581	2,97,828 3 5
D. Girgaum	7	166	7,091 1 0	1,607	70,703 13 0	245	13,696 12 8	1,578	62,107 0 11	3,596	1,53,598 11 7
E. Byculla	10	405	15,777 14 0	1,583	59,712 13 11	476	18,468 7 6	1,728	72,293 8 4	4,192	1,66,252 11 9
F. Parel...	5	101	3,117 3 6	577	15,254 13 1	122	10,450 8 2	538	17,000 14 8	1,338	45,823 7 5
G. Mahim	5	146	4,186 13 8	1,269	30,949 12 0	153	7,768 11 4	1,335	31,259 12 9	2,903	74,165 1 9
Total ...	57	2,196	80,372 12 5	14,493	7,58,935 5 9	2,802	1,40,572 3 3	14,791	7,44,587 2 3	34,282	17,24,467 7 8

Appendix B.

STATEMENT showing the Number of Exemptions checked during 1896-97.

Wards.	Total No. of Properties in Form I, the General Tax Book.	Of which number exempted from the payment of						Remainder, being number which pay.		
		The General Tax.				The Water Tax.	The Halalkhor Tax.	The General Tax.	The Water Tax.	The Halalkhor Tax.
		No. of Religious and Charitable Institutions.	No. of Properties vesting in and occupied by the Corporation.	No. of Properties of small value for which no bills are issued.	Total.					
A. Fort and Colaba...	4,700	151	156	16	323	1,090	1,305	4,377	3,610	3,395
B. Mandvi	6,283	181	104	2	287	891	1,014	5,996	5,392	5,269
C. Bhuleshwar ...	8,719	608	138	8	754	537	541	7,965	8,182	8,178
D. Girgaum ...	5,008	290	69	12	371	691	651	4,637	4,317	4,357
E. Byculla	9,450	370	349	57	776	1,537	1,674	8,674	7,913	7,776
F. Parel	9,589	184	191	4,787	5,162	7,110	7,020	4,427	2,479	2,569
G. Mahim	9,212	107	195	2,583	2,885	5,033	5,012	6,327	4,179	4,200
Total ...	52,961	1,891	1,202	7,465	10,558	16,889	17,217	42,403	36,072	35,744

Appendix C.

STATEMENT of Entries in the Vehicle and Animal Tax Book checked with the Quarterly Returns and Forms VI and VIII.

Ward.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total No. of entries.
A	814	930	980	1,042	3,766
B	679	746	825	883	3,133
C	828	967	1,098	1,184	4,077
D	750	812	845	881	3,288
E	451	494	533	564	2,042
F	228	258	265	289	1,040
G	182	209	220	255	866
Total ...	3,932	4,416	4,766	5,098	18,212

Appendix D.

STATEMENT of One-fifth Drawback Cases scrutinized during 1896-97.

Ward.	1st half of 1896-97.			2nd half of 1896-97.			Total for the year.		
	Number of claims received.	Number of claims admitted.	Amount of drawback sanctioned.	Number of claims received.	Number of claims admitted.	Amount of drawback sanctioned.	Number of claims received.	Number of claims admitted.	Amount of drawback sanctioned.
			Rs. a. p.			Rs. a. p.			Rs. a. p.
A	364	289	3,505 6 3	391	309	3,963 1 0	755	598	7,468 7 3
B	1,468	1,004	6,216 3 3	1,475	928	5,600 3 10	2,943	1,932	11,816 7 1
C	1,730	1,327	8,586 4 6	1,736	1,369	8,806 6 6	3,516	2,696	17,392 11 0
D	756	537	2,663 3 8	757	537	2,631 14 2	1,513	1,074	5,295 1 10
E	1,587	1,220	4,800 13 1	1,530	1,134	4,523 15 11	3,117	2,354	9,324 13 0
F	348	238	778 1 1	303	206	745 5 0	651	444	1,523 6 1
G	241	170	855 5 11	242	172	884 11 10	483	342	1,739 6 9
Total ...	6,494	4,785	27,405 5 9	6,484	4,655	27,154 15 3	12,978	9,440	54,560 5 0

Appendix E.

STATEMENT of Alterations in Valuation and in Demand checked by this Office during 1896-97.

ard.	Total number of Increase and Decrease entries in Forms 11, 11A, and 11B.	Original valuation.	Revised valuation.	Difference.	
				Increase.	Decrease.
	2	3	4	5	
		Rs.	Rs.	Rs.	Rs.
... ...	819	27,86,536	29,18,243	1,31,707	.....
... ...	1,206	12,70,408	14,60,293	1,89,885	.....
... ...	1,488	13,56,464	16,10,607	2,54,143	.....
... ...	820	6,73,915	8,04,575	1,30,660	.....
... ...	1,149	9,85,509	11,25,965	1,40,456	.....
... ...	480	4,01,545	4,19,268	17,723	.....
... ...	714	5,72,837	6,55,710	82,873	.....
Total ...	6,676	80,47,214	89,94,661	9,47,447	.....

Appendix F.

STATEMENT showing the Demands, Collections, and Outstandings for 1896-97 as audited by the Revenue and Refund Audit Office.

	Bills recalled which were either cancelled or for which amended bills were issued.					Net demand for collection.						Collections paid into the Treasury, including Departmental adjustments.	Irrecoverable Bills written off.			
	General Tax.	Water Tax.	Halalkhor Tax.	Vehicle and Animal Tax.	Total.	General Tax.	Water Tax.	Halalkhor Tax.	Vehicle and Animal Tax.	Total.			General Tax.	Water Tax.	Halalkhor Tax.	Vehicle and Animal Tax.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
. p.																
1 0	36,086 9 5	7,924 1 1	9,552 2 5	2,180 8 0	55,753 4 11	6,27,670 13 0	4,25,509 2 6	1,71,975 4 8	37,138 6 12	12,72,293 12 1		12,04,308 5 6	....	....	0 15 8	118 3
2 10	5,375 5 3	2,465 2 4	2,041 5 2	689 1 0	10,560 13 9	3,12,724 10 3	1,60,440 4 1	1,13,467 15 9	80,205 1 0	6,16,837 15 1		5,83,406 1 8	....	....	....	17 11
4 7	9,116 4 10	4,695 13 7	6,747 14 4	374 11 0	20,934 10 9	4,01,043 14 7	2,11,288 2 7	1,51,604 9 3	42,465 14 5	8,06,402 9 10		7,41,752 7 3	....	....	....	57 5
3 11	10,002 3 1	5,806 15 7	4,260 7 7	418 1 0	20,487 11 3	2,20,492 7 2	1,50,696 3 1	1,03,318 2 5	47,146 15 0	5,21,653 11 8		4,76,129 8 10	....	....	....	....
0 10	20,472 10 10	5,406 2 5	6,676 9 11	2,794 8 5	35,346 15 7	2,39,034 12 6	2,28,922 10 11	1,23,528 6 7	20,915 3 3	6,09,401 1 3		5,52,677 14 0	1 1 9	0 13 9	0 10 3	47 0
4 9	2,520 14 3	1,220 15 2	7,610 15 4	25 0 0	11,387 12 9	76,019 5 0	66,160 2 11	47,390 3 1	5,758 13 0	1,95,318 8 0		1,74,101 1 10	....	....	....	27 0
2 9	6,888 4 6	2,952 5 10	3,668 15 9	53 0 0	13,463 10 1	98,420 8 3	2,26,109 11 7	53,446 3 10	5,303 1 0	3,83,287 8 8		3,63,572 11 6	....	....	....	4 0
1 3	90,461 4 2	30,452 7 0	40,453 6 6	6,534 13 5	1,67,936 15 1	19,75,416 6 9	14,76,116 7 8	7,66,930 13 7	1,88,931 6 7	44,07,395 2 7		40,95,948 2 6	1 1 9	0 13 9	1 9 11	271 3 1
2 0	.....	.....	.....	....	.....	.....	.....	.....	.....	1,61,360 12 0		1,61,360 12 0	....	....	.....	....
2 7	.....	.....	.....	....	224 0 0	.....	.....	.....	.....	28,946 12 7		27,371 0 11	....	....	....	....
0 3					.....					45,97,702 11 2		42,84,679 15 5				

Appendix G.

STATEMENT showing the Licenses for 1896-97, the issue of which was sanctioned by the Commissioner under Sections 394 and 393 of the Municipal Act.

TRADE.	No. of Licenses, the issue of which was sanctioned by the Commissioner.								Deduct No. of Licenses for 1896-97, since cancelled by the Commissioner.				REMAINDER.			
	In 1896-97.				In 1897-98 for 1896-97.				Total.							
	No. of Licenses.	Amount.			No. of Licenses.	Amount.			No. of Licenses.	Amount.			No. of Licenses.	Amount.		
		Rs.	a.	p.		Rs.	a.	p.		Rs.	a.	p.		Rs.	a.	p.
Bones	8	120	0	0	.....	.....			8	120	0	0	.....	.....			8	120	0	0
Bricks (Hand-made)	17	170	0	0	3	30	0	0	20	200	0	0	.....	.....			20	200	0	0
Candles	2	10	0	0	.....	.....			2	10	0	0	.....	.....			2	10	0	0
China Grass, Cocoanut Fibres, Flax, Hemp. Jute, and Tow	23	295	0	0	7	95	0	0	30	390	0	0	.....	.....			30	390	0	0
Charcoal...	123	615	0	0	13	65	0	0	136	680	0	0	.....	.....			136	680	0	0
Coal and Coke	43	670	0	0	4	50	0	0	47	720	0	0	.....	.....			47	720	0	0
Cloths in Indigo	44	880	0	0	.....	.....			44	880	0	0	.....	.....			44	880	0	0
Cloths in other Colours	182	910	0	0	1	5	0	0	183	915	0	0	.....	.....			183	915	0	0
Catgut	1	15	0	0	.....	.....			1	15	0	0	.....	.....			1	15	0	0
Chemical Preparations...	45	1,550	0	0	1	25	0	0	46	1,575	0	0	.....	.....			46	1,575	0	0
Cotton and Cotton Refuse or Seed ...	146	2,205	0	0	8	120	0	0	154	2,325	0	0	.....	.....			154	2,325	0	0
Dammer, Tar, or Pitch	19	190	0	0	15	150	0	0	34	340	0	0	.....	.....			34	340	0	0
Fat and Tallow...	13	195	0	0	2	30	0	0	15	225	0	0	.....	.....			15	225	0	0
Fins	11	165	0	0	1	15	0	0	12	180	0	0	.....	.....			12	180	0	0
Fish (Dried)	23	515	0	0	.....	.....			23	515	0	0	.....	.....			23	515	0	0
Fireworks (Retail)	155	780	0	0	.....	.....			155	780	0	0	1	5	0	0	154	775	0	0
Fireworks (Wholesale)...	16	470	0	0	.....	.....			16	470	0	0	1	15	0	0	15	455	0	0
Firewood (Retail)	296	592	0	0	10	20	0	0	306	612	0	0	.....	.....			306	612	0	0
Firewood (Wholesale)	716	8,525	0	0	23	250	0	0	739	8,775	0	0	.....	.....			739	8,775	0	0
Gas	2	100	0	0	.....	.....			2	100	0	0	.....	.....			2	100	0	0
Gunpowder or Blasting Powder (Retail)	27	135	0	0	.....	.....			27	135	0	0	.....	.....			27	135	0	0
Gunpowder or Blasting Powder (Wholesale)	15	750	0	0	.....	.....			15	750	0	0	.....	.....			15	750	0	0
Hides and Skins (Raw) (Tannery) ...	20	1,000	0	0	.....	.....			20	1,000	0	0	.....	.....			20	1,000	0	0
Hides and Skins (Dried)	18	270	0	0	.....	.....			18	270	0	0	.....	.....			18	270	0	0
Horns and Hoofs	16	355	0	0	7	165	0	0	23	520	0	0	.....	.....			23	520	0	0
Hay, Straw, and Grass...	122	3,145	0	0	48	1,285	0	0	170	4,430	0	0	.....	.....			170	4,430	0	0
Kerosine Oil (Retail)	1,088	5,440	0	0	40	200	0	0	1,128	5,640	0	0	.....	.....			1,128	5,640	0	0
Kerosine Oil (Wholesale)	16	1,600	0	0	.....	.....			16	1,600	0	0	.....	.....			16	1,600	0	0

Trade.	No. of Licenses, the issue of which was sanctioned by the Commissioner.						Deduct No. of Licenses for 1896-97, since cancelled by the Commissioner.		Remainder.	
	In 1896-97.		In 1897-98 for 1896-97.		Total.					
	No. of Licenses.	Amount.	No. of Licenses.	Amount.	No. of Licenses.	Amount.	No. of Licenses.	Amount.	No. of Licenses.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Lime for Burning	13	650 0 0	1	50 0 0	14	700 0 0	.....	.....	14	700 0 0
Matches (Retail)	66	330 0 0	5	25 0 0	71	355 0 0	.....	.....	71	355 0 0
Matches (Wholesale)	16	160 0 0	.....	.....	16	160 0 0	.....	.....	16	160 0 0
Metals (Casting)	147	1,235 0 0	15	125 0 0	162	1,360 0 0	.....	.....	162	1,360 0 0
Vegetable Oils manufactured or prepared otherwise than by Mechanical Power	111	701 0 0	7	44 0 0	118	745 0 0	.....	.....	118	745 0 0
Vegetable Oils manufactured or prepared by Mechanical Power ...	3	125 0 0	.....	.....	3	125 0 0	.....	.....	3	125 0 0
Vegetable or Animal Oils (Storing)...	204	3,104 0 0	13	250 0 0	217	3,354 0 0	.....	.....	217	3,354 0 0
Liquids coming under the head of Petroleum (Retail)	14	66 0 0	.....	.....	14	66 0 0	.....	.....	14	66 0 0
Liquids coming under the head of Petroleum (Wholesale)	5	125 0 0	.....	.....	5	125 0 0	.....	.....	5	125 0 0
Paper	1	15 0 0	.....	.....	1	15 0 0	.....	.....	1	15 0 0
Pottery	10	50 0 0	12	60 0 0	22	110 0 0	.....	.....	22	110 0 0
Rags	2	30 0 0	.....	.....	2	30 0 0	.....	.....	2	30 0 0
Rangoon or Burmah Oil	5	27 8 0	.....	.....	5	27 8 0	.....	.....	5	27 8 0
Rosin	2	18 0 0	1	5 0 0	3	15 0 0	.....	.....	3	15 0 0
Saltpetre...	15	75 0 0	.....	.....	15	75 0 0	.....	.....	15	75 0 0
Sulphur (Retail)	38	190 0 0	2	10 0 0	40	200 0 0	.....	.....	40	200 0 0
Sulphur (Wholesale)	11	165 0 0	.....	.....	11	165 0 0	.....	.....	11	165 0 0
Silk	18	90 0 0	.....	.....	18	90 0 0	.....	.....	18	90 0 0
Soap	10	150 0 0	.....	.....	10	150 0 0	.....	.....	10	150 0 0
Stables for Horses	132	2,715 0 0	2	125 0 0	134	2,840 0 0	.....	.....	134	2,840 0 0
Stables for Milch Cattle	95	3,160 0 0	.....	.....	95	3,160 0 0	.....	.....	95	3,160 0 0
Stables for Bullocks	63	615 0 0	1	5 0 0	64	620 0 0	3	20 0 0	61	600 0 0
Tiles (Hand-made)	1	5 0 0	.....	.....	1	5 0 0	.....	.....	1	5 0 0
Timber	675	5,720 0 0	103	1,145 0 0	778	6,865 0 0	.....	.....	778	6,865 0 0
Turpentine (Retail)	98	490 0 0	1	5 0 0	99	495 0 0	.....	.....	99	495 0 0
Turpentine (Wholesale)	8	120 0 0	.....	.....	8	120 0 0	.....	.....	8	120 0 0
Wool	73	1,095 0 0	9	135 0 0	82	1,230 0 0	.....	.....	82	1,230 0 0
Waste Paper	34	34 0 0	3	3 0 0	37	37 0 0	.....	.....	37	37 0 0
Cotton, Wool, Hemp, Hay, &c. ...	6	245 0 0	.....	.....	6	245 0 0	.....	.....	6	245 0 0
Skins (Raw) and Wool	28	1,820 0 0	.....	.....	28	1,820 0 0	.....	.....	28	1,820 0 0
Steam Whistles used in Mills ...	19	190 0 0	.....	.....	19	190 0 0	.....	.....	19	190 0 0
Total ...	5,130	55,174 8 0	358	4,492 0 0	5,488	59,666 8 0	5	40 0 0	5,483	59,626 8 0

Appendix H.

TATEMENT contrasting the Collections, Refunds, and Net Revenue from Town Duties for the years 1895-96 and 1896-97.

		REFUNDS.								NET REVENUE.			
		1895-96.				1896-97.							
Increase in 1896-97.	Decrease in 1896-97.	On account of Exports.	On account of Articles supplied to Government.	Total.		On account of Exports.	On account of Articles supplied to Government.	Total.		Increase in 1896-97.	Decrease in 1896-97.	1895-96.	1896-97.	Increase in 1896-97.	Decrease in 1896-97.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
		64 13 0				.....									
		1,08,105 10 0				74,476 4 0									
.....	29,246 13 3	1,08,170 7 0	.....	1,08,170 7 0		74,476 4 0	.....	74,476 4 0		.....	33,694 3 0	1,18,788 3 9	1,24,428 2 0	5,639 14 3	.....
11 14 6	.....	10,201 1 0	.....	10,201 1 0		8,918 7 0	.....	8,918 7 0		.....	1,282 10 0				
.....	47,014 7 9	6,66,007 0 0	.....	6,66,007 0 0		6,69,325 9 0	.....	6,69,325 9 0		3,318 9 0	.....	2,09,927 11 3	1,59,094 10 6	.....	50,833 0 9
.....	12,637 2 8	17,278 8 0	645 13 0	17,924 5 0		16,382 10 0	58 4 0	16,440 14 0		.....	1,483 7 0	2,10,284 0 1	1,99,310 4 5	.....	11,033 11 8
2,529 4 4	.....	13,011 8 0	.....	13,011 8 0		17,533 2 0	.....	17,533 2 0		4,521 10 0	.....	11,189 10 6	9,147 4 9	.....	1,992 5 8
.....	22,891 13 6	23,111 7 0	.....	23,111 7 0		44,454 8 0	.....	44,454 8 0		21,343 1 0	.....	1,79,345 11 9	1,35,110 13 3	.....	44,234 14 6
.....	27,716 10 8	21,863 3 0	.....	21,863 3 0		15,622 5 0	.....	15,622 5 0		.....	6,239 14 0	1,10,910 12 10	89,431 0 2	.....	21,479 12 8
.....	14,285 4 6	.....	.....	.....		.....	.....	.....		.....	.....	40,903 2 8	26,617 14 0	.....	14,285 4 6
2,541 2 10	1,53,797 4 4									29,183 4 0	42,700 2 0			5,639 14 3	1,43,379 1 9
	2,541 2 10										29,183 4 0				5,639 14 3
	1,51,256 1 6	7,98,642 2 0	645 13 0	8,00,287 15 0		7,86,712 13 0	58 4 0	7,86,771 1 0			12,516 14 0	6,81,379 4 7	7,42,640 1 1		1,37,739 2 6

Appendix I.

STATEMENT contrasting the Imports, Exports, and Balance of the several Articles subjected to Town Duty during the year 1896-97 with those for 1895-96.

Name of Article.	IMPORTS.				EXPORTS AND SUPPLY TO GOVERNMENT BY CONTRACTORS.							BALANCE (LOCAL CONSUMPTION AND STOCK).			
	1895-96.	1896-97.	Increase in 1896-97.	Decrease in 1896-97.	1895-96.			1896-97.				1895-96.	1896-97.	Increase in 1896-97.	Decrease in 1896-97.
					Exports.	Supplied to Government.	Total.	Exports.	Supplied to Government.	Total.	Increase in 1896-97. / Decrease in 1896-97.				
Ghee @ As. 4 per Candy.....Candies	..	..			259			..							
„ As. 2 „ ..... „	18,07,182	16,62,291			8,64,845			5,95,810							
Total.. „	18,07,182	16,62,291	..	2,34,791		[8,65,104	..	8,65,104		5,95,810	..	5,95,810	..	2,69,294	
Flour @ As. 1½ per Candy..... „	128	255	127	..		1,08,811	..	1,08,811		95,180	..	95,180	..	13,631	8,87,167	9,40,681	53,914	...
Sugar @ As. 8 per Cwt..... Cwts.	16,31,869	15,37,840	..	94,029		12,12,014	..	12,12,014		12,18,651	..	12,18,651	6,637	..	4,19,855	3,19,189	..	1,00,666
Wines and Spirits @ As. 4 per Impl. Gallon.....Gallons.	9,13,153	8,63,004	..	50,149		69,114	2,583	71,697		63,530	233	63,763	..	5,934	8,41,456	7,97,241	..	44,215
Beer @ pice 6 per Impl. Gallon .. „	7,72,837	8,85,778	86,936	..		4,16,368	..	4,16,368		5,61,060	..	5,61,060	1,44,692	..	3,56,469	2,93,713	..	62,756
Ghee @ As. 8 per B'bay Maund..Maunds	4,04,814	3,59,131	..	45,683		46,223	...	46,223		88,909	..	88,909	42,686	..	3,58,091	2,70,222	..	88,469
Timber @ 2½ per cent. on Market Value.....Value Rs.	58,10,920	42,02,133	..	11,08,787		3,74,488	..	3,74,488		6,24,693	..	6,24,693	..	2,49,695	44,36,432	35,77,240	..	8,59,192
Firewood @ Anna 1 per Candy..Candies..	6,54,451	4,26,886	..	2,28,565			..				..		..	..	6,54,451	4,25,886	..	2,28,565

PUBLIC WORKS.

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Note.—The Report on Public Works—**A** to **I**—is by M. C. Murzban, Esq., C.I.E., F.R.I.B.A., M.INST. C.E., Executive Engineer, Municipality, forwarded with his letter No. 6841, dated 20th August 1897.

The Report on Special Drainage Works—**J**—is by J. W. Smith, Esq., M.INST.C.E., Special Drainage Engineer, forwarded with his letter No. S. D. 953, dated 28th July 1897.

The Report on Fire Brigade—**K**—is by W. Nicholls, Esq., Chief Officer of the Fire Brigade, forwarded with his letter No. 282, dated 28th May 1897.

The Reports on Gardens—**L**—is by C. D. Mahaluxmivala, Esq., Superintendent of Municipal Gardens, forwarded with his letter No. 351, dated 9th June 1897.

The Report on the Victoria and Albert Museum—**M**—is by the Secretary and Curator, Dr. MacDonald, M.D., B.SC., C.M., forwarded with his letter No. 112, dated 8th May 1897.

No. 6841 OF 1897-98.

EXECUTIVE ENGINEER'S OFFICE,

BOMBAY, 20*th August* 1897.

To

THE MUNICIPAL COMMISSIONER

for the City of Bombay.

SIR,

I have the honour to forward herewith the Administration Report of this Department for the year 1896-97, as requested in your No. 666, dated 8th April 1897.

2. The report is divided under the following heads :—

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C.—Water Works	192 to 288
D.—Municipal Buildings—Construction and Repairs	289 to 327
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A.

INTRODUCTORY REMARKS.

ESTABLISHMENT.

3. I held the appointment of the Executive Engineer, Municipality, throughout the year, except during the period from 23rd September to 22nd December 1896, when I was on privilege leave. MR. JAMES W. SMITH, M.INST. C.E., Special Drainage Engineer, conducted my duties in addition to his own, during that period.

4. I was assisted by the following Officers in conducting the duties of the different branches of the Department:—

5. MR. S. TOMLINSON, M. INST. C.E., Deputy Executive Engineer, Water Works; MR. C. C. JAMES, A.M.I. C.E., Deputy Executive Engineer, Water Works, and Acting Deputy Executive Engineer Drainage; MR. H. NEWTON, M. INST. C.E., Acting Deputy Executive Engineer, Water Works.

6. MR. S. TOMLINSON was in charge of the Water Works Branch from the beginning of the year up to 27th May 1896, on which date he resigned the Municipal service to take up the appointment of Engineer of the Singapore Municipality.

7. MR. C. C. JAMES, sub *pro tem* Deputy Executive Engineer, Drainage, conducted the duties of Deputy Executive Engineer, Water Works, from the 28th May to 5th September 1896, in addition to those of Deputy Executive Engineer, Drainage. Mr. H. NEWTON was appointed sub *pro tem* Deputy Executive Engineer, Water Works, and took charge of his duties on 6th September 1896.

8. MR. NASSARWANJI DORABJI BHADA, L.C.E. was during the whole of the year, Assistant Engineer, Water Works. My personal Assistant, MR. MANEKJI SHERIARJI BHARUCHA, L.C.E., was in charge of the Road Department during the year. The latter officer also assisted me in preparing projects of works, framing reports, and supervising new works.

9. MR. B. H. HEWETT, Assistant Engineer, Mechanical Branch, supervised the working, repairs and maintainance of the machinery of the Love Grove Pumping Station, Colaba Air-Compressor Station, the Municipal Workshops, and the Electric Light Machinery, &c., throughout the year, excepting the period from 2nd May to 1st August 1896, when he was on privilege leave.

10. MR. H. HOLMES, Assistant to the Commissioner, conducted MR. B. H. HEWETT'S duties during his absence on leave.

11. MESSRS. PUNDLIC GANESH, L.C.E., KAIKHOSRU PESTANJI BHEDWAR, L.C.E., JAMSEDJI DADABHAI NADIRSHAH, L.C.E., and MANIKLAL NURBHERAM, L.C.E., assisted me in matters connected with the regulation of Streets and Buildings.

12. MR. PUNDLIC GANESH was allowed privilege leave from 15th June to 14th August 1896. Messrs. KAIKHOSRU PESTANJI BHEDWAR and JAMSHEDJI DADABHAI NADIRSHAH conducted, in addition to their own, the duties of Mr. Pundlic Ganesh during that period.

13. MR. PUNDLIC GANESH retired from Municipal service on the 8th September 1896, and MR. MANIKLAL NURBHERAM was appointed as one of the Divisional Superintendents in the Streets and Buildings Branch on one year's probation from 8th October 1896.

14. MR. GOVINDRAM DULUBHRAM, Architectural Surveyor, was in charge of the Architectural and Drawing Branches. He helped me in preparing plans and estimates of all new buildings and in supervising the construction of those in progress. He was allowed privilege leave from 28th September to 27th November 1896. MR. JANARDAN BALVANT JOSHI conducted his duties in addition to his own as Surveyor in the General Branch, during that period.

15. MR. SORABJI BURJORJI, the Chief Clerk and Accountant, was in charge of the clerical and account staff of this Department, and helped me in supervising and guiding the account and clerical work of this Department, and Mr. MERWANJI MUNCHERJI BANAJI was in charge of the correspondence branch.

B.

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PUMPING STATION AT LOVE GROVE, WORLL.

16. The Worthington engines worked satisfactorily during the year.

17. The efficiency of the pumps, as tested by fortnightly observations taken by the Drainage Department staff, showed an average of 91 per cent. This is somewhat less than the average of 94 per cent. for the preceding year and is due to slip caused by the wear of the pump, rams and bushes.

18. The wear on these parts is considerable owing to the nature of the fluid passing through the pumps, but it is creditable to the makers that the efficiency should be so high after nearly four years' work without any repair or renewal being necessary.

19. So long as the efficiency stands above 90 per cent., it is not worth while to incur the expense of renewing these working parts, which are of gun-metal and are of great weight, but as it fell below that figure towards the end of the year, the renewal of the bushes of No. 1 engine was put in hand.

20. On the 10th July 1896 the left-hand pump rod of No. 1 engine broke, but as there was a spare rod in hand, the damage was quickly rectified.

21. Beyond the breakage of some of the valve frames which were replaced with others of a stronger pattern made at the Municipal Workshops, there was no other serious damage.

22. During the abnormally heavy rainfall in the months of June and July, when 22 inches and 36 inches respectively were registered at the station, the mouth of one of the barrels of the outfall sewer became partially obstructed. Similar obstructions occurred in the previous south-west monsoon, and were noticed in para. 34 of the last Administration Report.

23. Rumours were prevalent in the city that, owing to this obstruction, the working of the pumps was interfered with and that consequently they did not keep the sewers clear. Such, however, was by no means the case, as the pumps did their usual duty well; and though one barrel of the outfall sewer was not sufficient to carry off all the sewerage when three engines were at work, the surplus was discharged without difficulty through the manhole openings on the line of the sewer. The sewers of the city were absolutely unaffected by the obstruction.

24. At the close of the monsoon the services of a diver named Haji Hassan were engaged and all the loose boulders and bags of deposited blocks of concrete lying in close proximity to the point of discharge having been removed, it is hoped that there will now be no recurrence of the obstruction. The diver worked for seven days and was paid the sum of Rs. 300 for his services including all boat-hire, provision of gear, &c.

25. The following table gives the total number of revolutions of all the engines for each month of the year:—

Month and year.	Total number of revolutions.
March 1896	1,674,775
April "	1,662,787
May "	1,684,038
June "	2,092,025
July "	2,535,908
August "	2,303,334
September "	1,975,809
October "	1,904,308
November "	1,795,441
December "	1,825,450
January 1897	1,864,233
February "	1,733,506
Total for the year	23,051,614

26. By comparison with last year's table, it will be seen that the total number of revolutions is nearly two millions in excess of the figures for last year. This excess is partly due to increased slip in the pump as noted in para. 17, but principally to the heavy and concentrated fall of the rains and to the fact that upon the out-break of the bubonic plague, the sewage in the sewers was kept down to the very lowest possible level.

27. In consequence of this extra work the coal grant had to be supplemented by an additional sum of Rs. 7,000.

28. 865 tons, 7 cwts., 3 qrs. and 10 lbs. of Cardiff coal, 853 tons, 10 cwts., 3 qrs. and 10 lbs. of West Hartley coal, 1,008 tons, 12 cwts. and 1 qr. of Bengal coal, and 620 tons, 19 cwts. and 1 qr. of Singareni-Deccan coal were consumed during the year. The average daily consumption was 9 tons, 3 cwts., 1 qr. and 26 lbs.

29. The average rate paid for English coal was Rs. 20-15-1 per ton, and for Indian coal Rs. 14-1-5. It is found that, with the present ruling rates for English coal, the substitution of indigenous coal is economical and Sibpur-Bengal coal gives specially satisfactory results.

30. Under ordinary dry weather conditions, the average consumption of English coal is 7 tons a day, and of Bengal coal of good quality 9½ tons a day. At the above average rates the saving from the use of Indian coal works out to Rs. 13 per diem.

31. After the supply of 100 tons of West Hartley coal by Messrs. C. J. Khambatta & Co. in May 1896, it was found that the coal was not of the quality stipulated for, but it contained a mixture of other inferior coal, and payment for it was withheld.

32. The contractors subsequently filed a suit in the Small Causes Court against the Municipality for the recovery of the money and were successful, as, unfortunately in the receipt passed by the First Engineer at the Love Grove Pumping Station for the quantity of coal received by him, it was stated that 100 tons *Davison's West Hartley* coal had been received.

33. The mechanical stokers which were fixed to two of the boilers at the station have unfortunately not proved successful, inasmuch as the several tests made with them indicate that, while they effect a considerable reduction in the amount of smoke given off from Bengal coal, they cause increased consumption of the coal itself.

34. Mr. Singlehurst, the First Engineer at the station, resigned his post on the 30th November 1896, and Mr. G. H. Brenham was appointed to the vacancy from the 7th December.

35. 1,000 lbs. of dermatine valve faces were purchased from Messrs. Bradbury, Brady & Co., at a rate of Rs. 3-10-0 per lb., being 2 annas per lb. less than the rate allowed for the articles in the previous year. 50 small circular valves for the engine condensers were also purchased from the same firm at the rate of Rs. 3-12-0 per lb.

36. Brass liners were cast on two new pump rods (for reserve stock) by Messrs. Richardson and Cruddas at a cost of Rs. 330.

37. Owing to the rapid corrosion of the iron pipes supplying water to the boiler feed pumps, copper pipes have been substituted on two of the engines. The work was carried out by Messrs. H. J. Dixon & Co. at a cost of Rs. 277-8-0.

38. Halalkhore tax, amounting to Rs. 435-12-2, was charged to the station for the first time during the year under review, and was met from the grant under Section 4, Stores and Contingencies.

39. The Government Boiler Inspection Department having drawn attention to the necessity of fixing a second safety valve to each of the four Babcock & Wilcox boilers at the station, so as to fulfil the requirements of the Act, the Corporation under their Resolution No. 11341 of 25th January 1897 sanctioned a transfer of Rs. 634 from savings under Section II, Miscellaneous Drainage, for the manufacture of four extra valves. The work was not completed by the end of the year.

40. The grant of Rs. 6,000 under Section 3, Repairs to Machinery, having been found insufficient, the Corporation sanctioned an additional grant of Rs. 1,800 from Surplus Cash Balance.

41. The Indian patent stone plastering applied to one of the condensing tanks to prevent leakage, as noted in last year's report, has effected some saving in the consumption of water.

42. The payment for water consumed during the year amounted to Rs. 4,283-11-7 as against Rs. 4,800-5-0 in the previous year. The amount of water used fluctuates, however, a great deal according to the character of the south-west monsoon, and it is considered advisable to watch the consumption for another year, before deciding if it would be economical to incur the expense of plastering the remaining tanks.

43. The death of Mr. Varjivandas Madhowdas, the owner of the property rented by the Municipality at Love Grove, is noted with regret. Owing to the legal formalities in the appointment of executors not having been completed during the year, the rent payable from July 1896 to February 1897 had to be withheld. This has caused a large apparent saving in the grant under Section 4, but a sum of Rs. 2,240 from the grant will have to be renewed during the official year 1897-98 to meet this charge.

44. Veterinary-Lieut.-Col. J. Anderson continued to occupy the bungalow on the above property during the year at a monthly rental of Rs. 80.

45. The Corporation in their Resolution No. 12033 of 4th February 1897 have sanctioned the conversion of the old engine house

into an office and godown and the construction of a shred-lifter chamber of four bays at an estimated cost of Rs. 25,625.

46. Some progress has been made with the scheme of providing the enlarged shred-lifter chamber and a new office and godown at the station.

47. During the year, a barbed wire fence was erected around the condensing tanks of the station to prevent accidents. The work was carried out by the Petty Works Contractors, at a cost of Rs. 707-12-3, which was met from the grant of Rs. 1,000 provided for the purpose under the heading of New Works in the Budget for 1896-97.

48. Though the Plague was very severe in the Warli District during the early months of the current year, the station staff did not suffer as much as might have been expected, but some difficulty was experienced in keeping up the full complement of men.

49. One of the head oilmen and also two private servants employed by the 1st and 2nd Engineers, respectively, died of the plague.

50. The following statement shows the grants for the several heads in the Budget for the maintenance of the station and the actual expenditure incurred under each head :—

Section.	Particulars.	Budget grants with transfers and extra grants.	Expenditure.	More.	Less.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Establishment	11,772 0 0	11,691 13 3	.....	80 2 9
2	Coal	59,000 0 0	58,129 14 5	.....	870 1 7
3	Repairs to Machinery ...	8,395 7 7	7,794 13 2	.....	600 10 5
4	Contingencies and Stores ...	17,500 0 0	12,582 8 10	.....	4,917 7 2
5	Repairs to Buildings ...	500 0 0	251 0 10	.....	248 15 2
6	Ground-rent at Worli ...	18 0 0	17 1 10	.....	0 14 2
7	Water-supply *plus* Rent of Meters	4,920 0 0	4,283 11 7	.....	636 4 5
8	Telephone Connection ...	175 0 0	175 0 0	.....	.....
	Total ...	1,02,280 7 7	94,925 15 11	.....	7,354 7 8

51. The channel on the sea-side of the Love Grove Sluices becomes more foul year by year, and will soon require attention.

COLABA AIR COMPRESSOR STATION (SHONE SYSTEM).

52. The control of the station was made over to the Special Drainage Engineer in accordance with the Municipal Commissioner's No. 10644 of the 1st September 1896.

HOUSE DRAINAGE CONNECTIONS.

53. The Municipal Corporation under their Resolution No. 2680 of the 18th June 1896, resolved "that all previous resolutions of the "Corporation by which it was resolved that the cost of the house-

"connections in any part of the city should be defrayed from Municipal "funds, so far as their operation from this day forward are concerned, "are hereby cancelled and repealed in respect of any such payment "from Municipal Funds.

"That the Municipal Commissioner can proceed with the work of "having house-connections made under the powers vested in him, "in that behalf, under the Municipal Act.

"That, in having a house-connection made, all that part of the "work which is done on any public road, street, lane or ground vested "in the Municipality shall be carried out by the Municipality at their "own cost, and the Corporation will be prepared to provide funds for "defraying the expenditure thus incurred in the same way as provided "for the general drainage work in the City.

"That the Corporation will be further prepared to sanction the "requisite outlay for securing an efficient supervision and inspection "by the Municipality of all work to be done by house-owners.

"That the Corporation are of opinion that the Municipal Com-"missioner should proceed with the work of house-connections in the "City in a gradual manner and so as to secure efficient supervision "and inspection.

"That the Municipal Commissioner shall supply, free of cost, plans "or rough dimension sketches to house-owners required to make "house-connections showing how they are to be carried out.

"That the Municipal Commissioner shall from time to time prepare, "with the sanction of the Standing Committee, a schedule of rates "at which various articles and materials shall be sold at cost price "to house-owners requiring them for the purpose of making house-"connections, as also a schedule of rates for work of constructing "house-connections, and whenever a house-owner desires to have his "house-connection made or materials and articles supplied by the "Municipality, the Municipality shall do so, charging the house-owner "for the same, according to schedule rates.

"That a Committee be appointed to go through the rules framed "under Section 231 (and already circulated) by the Municipal Com-"missioner in consultation with his officers and make any suggestions "that may be desirable.

"That the Municipal Commissioner be asked to prepare and lay "before the Corporation definite rules for the guidance of the Muni-"cipal officers and servants appointed to supervise and inspect the "construction of house-connections."

54. The rules framed by the Municipal Commissioner under Section 231 of the Municipal Act were agreed to by the Committee of the Corporation, appointed under the above-quoted Resolution, on the 5th August 1896 and confirmed by the Corporation under their Resolution No. 6330, dated 17th September 1896.

55. Copies of these rules with sketches and abstracts in Gujarati and Marathi are being sold to the public by the Drainage Branch, at the cost price of twelve annas per copy.

56. Under the Corporation's Resolution No. 5782, dated 3rd September 1896, a grant was made for the staff for the house-connection work in Colaba and Parel, and an advance of Rs. 1,00,000 was sanctioned for the purchase of articles for use on the street portions of the house drainage connections and for sale to house-owners for use on their part of the work.

57. Owing to the bubonic plague, the Municipal Corporation, under their Resolution No. 7941, dated 9th November 1896, sanctioned a staff and a grant for house-connection work in the Mandvi district, and directed that the existing house-connections in the district should be put into proper working condition at the cost of the house-owners.

58. The Corporation further directed, under their Resolutions Nos. 12779 and 12780, dated 18th February 1897, that the house-connection works in Kalachowki Road, Mugbhat and Carnac Road and the treatment of the drainage fittings of plague-affected houses, should be undertaken at the owner's expense.

59. The entire house-connection work of 39 houses, at a cost of Rs. 23,703-12-6, was carried out during the year, in accordance with the Corporation's Resolution No. 12429, dated 29th January 1896, and the street portion of the house drainage connections of 25 houses was executed departmentally at a cost of Rs. 1,759-7-11.

60. The street portions of house drainage connections in the Colaba district were attended to by the Special Drainage Department.

61. The sanitary fittings of 385 houses (102 in Mandvi and 283 in various parts of the City) were removed, cleaned, disinfected, repaired where damaged, and refixed, and those of 70 houses (20 in Mandvi and 50 in other places) were disinfected.

62. The drainage arrangements of 36 houses (11 at Modi Street, 8 at Lalwadi and 17 in various parts of the City) were thoroughly remodelled.

63. The treatment of sanitary fittings and the remodelling of the drainage arrangements of other houses were in progress at the close of the year.

64. The certified expenditure on account of such works up to the 31st March amounted to Rs. 65,776-11-7.

65. The house-connection work in respect of 32 premises at Kalachowki Road was in progress at the close of the year.

66. The certified expenditure on account of the work amounted to Rs. 3,308-7-8 up to the 31st March.

67. The house-connection work in Mugbhat and Carnac Road was not taken in hand up to the close of the year.

DRAINS AND SEWERS, CATCH-PITS, WATER-GULLIES, MANHOLES, VENT SHAFTS, &c.

Ovoiding the side drains in Northbrook Street and erecting four flush tanks for the same.

68. The Health Officer remarked in his No. 7918, dated 4th June 1896, that the drains were always in a filthy state and were ditches of sullage and garbage and he urged that the drains should be ovoided as early as practicable.

69. He also forwarded to the Municipal Commissioner a petition from the residents of Kumbharvada 3rd Street and Northbrook Street, complaining of the nuisance from the drains.

70. Under the Corporation's Resolution No. 7946, dated 9th November 1886, a grant of Rs. 4,211 was sanctioned for re-building and ovoiding the drains with proper gradients in Northbrook Street.

71. The work was taken in hand departmentally in accordance with the Municipal Commissioner's No. 17956, dated 5th December 1896, and was in progress at the close of the year.

72. The certified expenditure on account of the work up to the 31st March 1897 amounted to Rs. 2,564-9-3.

Construction of an open drain in the line of the water-course near Elphinstone Road between Suparibag Road and the tank at the north end of DeLisle Road.

73. The Contractors, Messrs. Amruta Babaji and Company, practically completed the above work on the 2nd July 1896.

74. The execution of the work was delayed owing to the death of Mr. Amruta Babaji on the 5th May 1896.

75. The contract time having expired on the 1st June 1896, the establishment charges from the 2nd June to 2nd July 1896 were recovered from the Contractors.

76. A portion of the drain, which passes through the B. B. & C I. Railway Company's ground, could not at first be taken in hand owing to objections raised by the Railway Company.

77. These objections were ultimately withdrawn by the Chief Engineer of the Company under his letter No. 3914 of the 5th September 1896 on an assurance being given to him, that the construction of the drain would not be held to interfere in anywise with the right of the Company as to the existing works, or to any other work or extension which the Company might execute in the future.

78. This portion of the drain was, consequent upon the delay occasioned by the Railway Company, constructed departmentally in accordance with the Municipal Commissioner's No. 12410 of the 30th September 1896, and the work was carried out within the contract amount.

79. The total outlay on the work, including establishment and contingent charges and the cost of the portion of the drain constructed departmentally amounted to Rs. 12,626-7-0

Construction of a storm-water drain in the ground recently added to the Victoria Gardens.

80. A grant of Rs. 6,618 was sanctioned for this work under the Corporation's Resolution No. 14171, dated 5th March 1896.

81. Tenders returnable on the 4th January 1897 were invited for the work, but no tender was received.

82. Mr. Dewram Keshavji stated in a letter, dated the 4th January, that as he was away from Bombay he could not tender for the work in detail, but he offered to carry it out at five per cent. below the estimated rates.

83. Messrs. Sulemanji Mulla Abdulali and Company, the Petty Works Contractors for the year, having then been requested to state if they were willing to undertake the work at their contract rates, proposed to carry it out at my office schedule rates without deduction.

84. Mr. Dewram Keshavji's offer was consequently accepted under the Standing Committee's Resolution No. 12916, dated 24th February 1897.

85. The contract amount, according to Mr. Dewram Keshavji's offer, was Rs. 5,710.

86. A contract for the work was about to be executed at the close of the year.

Cleaning the open main drain from the Municipal Depot at Bellasis Bridge to the Love Grove Sluice Gates.

87. The work remaining after the period of the last report was carried out departmentally at a total cost of Rs. 1,377-11-0, the renewed amount available being Rs. 1,379-10-9.

Repairing and renewing a portion of the double-barrelled Storm-Water Drain running through the Mint Compound from Mint Road near the north entrance to the Town Hall.

88. A grant of Rs. 6,735 was sanctioned for the work under the Corporation's Resolution No. 7942 of 9th November 1896.

89. The work was taken in hand departmentally as per Municipal Commissioner's No. 17859 of 4th December 1896, and was in progress at the close of the year.

90. The certified expenditure on account of the work up to the 31st March was Rs. 2,800-3-7

Arrangements in Pipe Sewer Manholes for discharging Sewage from a higher level to a lower level without splash.

91. This work was completed departmentally on the 30th October 1896 at the total cost of Rs. 4,864-4-7.

Catchpits on Pipe Sewers and Branch Drains.

92. Sixteen large and sixty small catch-pits on pipe sewers and branch drains were originally sanctioned to be constructed at a cost of Rs. 37,016.

93. Fifteen large and thirty-four small ones were constructed up to the end of the year 1895-96 at a total cost of Rs. 32,217-0-0, leaving a balance of Rs. 4,861-0-5 for one large and twenty-six small catch-pits which remained to be constructed. It was considered advisable to utilise this balance in the construction of one large catch-pit on the Mint Road sewer at an estimated cost of Rs. 4,468, as the interception of silt in this sewer was considered to be of the greatest importance.

94. This proposal was sanctioned under the Corporation's Resolution No. 9202 of 3rd December 1896.

95. The work was not taken in hand until the close of the year, as, owing to the existence of the Plague, there was a general feeling against the opening of the sewer on the part of the people residing in its neighbourhood.

Construction of Water-Gullies.

96. Provision was made in the Budget for 1896-97 for the construction of two water-gullies as follows :—

(1) For a water-gully at Clerk Road, Rs. 536.

(2) For a water-gully at Fort Street, near Bazar Gate Garden, Rs. 486.

97. The construction of these gullies was entrusted to Messrs. Sulemanji Mulla Abdulali & Co., the Petty Works Contractors, for the year, and was carried out by them, at a cost of Rs. 419-14-8 in case (1) and Rs. 390-8-10 in case (2).

New Tidal Flap at the Mouth of the Sonapur Drain.

98. The work was completed departmentally at a total cost of Rs. 4,376-11-8.

Automatic Sewage Height Recorders.

99. Messrs. John Fleming & Co., under the terms of their contract dated the 18th November 1895, were bound to deliver and fix in position two Glenfield Sewage Height Recorders on or before the 17th February 1896, but they were unable to do so until the 24th April 1896.

100. They explained that the delay was owing to a reference which Messrs. Glenfield & Co. had to make to them by reason of their not clearly understanding the specification which Messrs. John Fleming & Co. had forwarded to them.

101. The Standing Committee, under their Resolution No. 1798 of 27th May 1896, sanctioned the variation of the contract with Messrs. John Fleming & Co., whereby the contract period for the delivery and fixing of the recorders was extended to the 24th April 1968.

102. The recorders were fixed, one in Shaik Memon Street and the other in Khetwadi 10th Lane, and Messrs. John Fleming & Co. were paid Rs. 1,734 for the same.

103. The masonry work and connection with the Municipal sewer were executed departmentally at a cost of Rs. 1,154-13-3.

104. The total outlay on the work amounted to Rs. 2,888-13-3.

Vent Shafts on Main Sewers.

105. The erection of five masonry vent shafts and four metal vent shafts at the undermentioned places was entrusted to Messrs. Sulemanji Mulla Abdulali & Co., the Petty Works Contractors for the year, and the total cost of the work was as follows :—

Masonry Vent Shafts.

No	Total cost. Rs. a p.
1 on the south footpath of Clerk Road	354 3 6
1 at the Bellasis Bridge Depôt	342 8 3
1 at the Junction of Gilder Street and Falkland Road Passage ...	369 11 9
1 at the Falkland Road Garden	442 0 5
1 at the Junction of Falkland Road and Grant Road	526 2 11
5	Rs. 2,034 10 10

Metal Vent Shafts.

No	Rs. a. p.
1 at the Junction of Thakurdwar Road & Girgaum Back Road...	308 14 5
1 at Shaik Memon Street	208 5 10
1 at the Junction of Shaik Memon Street and Hanuman Lane ...	250 7 8
1 at the Junction of Carnac Road and Nagdevi Street	140 14 11
4	Rs. 908 10 10

Construction of Permanent Manholes on Drains in Wards A, B, C, D and E.

106. A grant of Rs. 2,000 was provided for this work in the Budget for 1896-97.

107. The estimated cost of providing 115 manholes on the main drains in Wards B, C and D alone having amounted to Rs. 12,765, it was obvious that the grant would serve for only about 18 manholes. The Health Officer was requested to select 18 sites, which he might consider specially important, but they had not been selected up to the close of the year.

Construction of 362 Manholes on Drains in the Side Streets on the Port Trust Estate (Elphinstone Reclamation) and Removal of Silt therefrom.

108. Under the Municipal Corporation's Resolution No. 6736 of 5th October 1896 the above works were sanctioned in connection with special measures for the suppression of the Bubonic Plague at Mandvi, and a sum of Rs. 32,652 was provided for the construction of the manholes and Rs. 9,156 for the removal of silt.

109. The works were carried out departmentally at a cost of Rs. 22,064-13-9 and Rs. 7,981-0-8 respectively.

Construction of 35 Entrances on the Frere Road Drain between Fort Street and Ballard Road and Removal of Silt therefrom.

110. A grant of Rs. 4,500 was sanctioned for these works under the Corporation's Resolution No. 9200 of 3rd December 1896, and the works were carried out departmentally at a total cost of Rs. 3,339-10-9.

INSTALLATION FOR PRODUCING ELECTROLIZED SEA-WATER.

111. A grant of Rs. 27,092 was sanctioned in the Municipal Corporation's Resolution No. 6984, dated 12th October 1896, for providing an installation for the electrolization of sea-water, in such volume per 24 hours as to contain 50,000 grammes of chlorine for disinfecting drains and sewers and for washing down houses, house-gullies, &c.

112. Messrs. John Fleming & Co. offered to supply the plant for Rs. 25,050.

113. Quotations were obtained from Messrs. Richardson and Cruddas, Messrs. Macbeth Brothers & Co., and Messrs. Garlick & Co.

114. The last-named firm offered to supply the plant for Rs. 23,540 on condition that the Municipality should take all risks as regards the capability of the plant to perform the stipulated work, and should pay the firm for the plant within fourty-eight hours from its arrival. These terms were not accepted.

115. Both Messrs. Richardson and Cruddas and Messrs. Macbeth Brothers & Co. offered to supply the plant for Rs. 23,550, and the offer of the former firm was accepted under the Standing Committee's Resolution No. 8038, dated 11th November 1896.

116. Messrs. Richardson and Cruddas were bound under the terms of their tender to supply, on or before 10th January, 1897 two electrolizers capable of producing 50,000 grammes of chlorine per 24 hours, with one dynamo of 1,200 ampéres at 13 volts and one switch-board with volt meter and ampére meter mounted thereon, but they were unable to do so until the 28th February.

117. They having explained that the time taken up in obtaining the platinum electrodes was longer than they had anticipated, and that some further delay was caused by the alteration of a few small vulcanite bolts, which were found necessary on the arrival of the plant, the Municipal Commissioner sanctioned the entering of the 28th February 1897 in the contract as the date for the completion of the delivery of the plant.

118. It was decided to put up the plant at the Carnac Bandar Night-soil Depôt, as a vacant Engine House existed there and a series of tanks connected with the harbour and formerly used for flushing the Depôt was available for filling at tides exceeding 11 feet by means of pumping.

119. The pumping engine employed was a portable engine obtained, some few years ago, for use at the Love Grove Pumping Station and more recently used for working the Machinery at the Workshops.

120. A trial of the plant was made on the 28th February with a small quantity of sea-water brought by means of a watering-cart, and the dynamo and the electrolizers then worked satisfactorily.

121. It was, however, found impracticable to carry out the intention of utilizing the existing length of 15″ iron-pipe from the Deôpt to the Bandar as a suction pipe, owing to a leak in the pipe, and proposals (*a*) for utilizing this length of pipe as a delivery pipe, (*b*) for the provision of an electric plant for pumping up and forcing the sea-water from Carnac Bandar to the Night-soil Depôt and (*c*) for a staff for working the plant were under consideration at the close of the year.

122. The certified expenditure against the grant up to the 31st March was Rs. 23,800.

MISCELLANEOUS WORKS.

Connecting the Latrines and Night-soil Depot in Colaba Village with the new Sewerage System.

123. A grant of Rs. 801 was sanctioned for the work under the Corporation's Resolution No. 12691, dated 3rd February 1896.

124. The work was entrusted, in February 1896, to Messrs. Dewram Keshavji & Co., Petty Works Contractors for 1895-96, and completed by them, on the 24th April 1896, at a total cost of Rs. 458-12-6.

Improving the Water-supply and providing flushing arrangements at the Halalkore Chals in Kharsetji Sukhlaji Street.

125. A grant of Rs. 252 was sanctioned in the Budget for 1896-97 for this work.

126. It was entrusted to the Petty Works Contractors, and completed at a total cost of Rs. 198-5-4.

Construction of three Automatic flush Tanks on the line of the Tansa Main (a) at the Junction of Arthur Road and Kalachowki Road, (b) in Suparibag Road, and (c) in Chor Gali.

127. A grant of Rs. 717 for the above flushing tanks was sanctioned under the Corporation's Resolution No. 4662, dated 8th August 1895, the purpose being to utilize, in flushing drains, the water escaping from the air valves, on the Tansa main.

128. The work was taken in hand departmentally and completed on the 30th December 1896, at a total cost of Rs. 690-14-11.

Erection of a Windmill and Pump to lift Subsoil Water at Kamathipura.

129. This has been proposed as an experimental measure and a grant of Rs. 1,000 was sanctioned in the Budget for 1896-97 for the above work.

130. The tender of Messrs. Macbeth Brothers & Co. for the supply and fixing of a Windmill and Pump in the compound of the office of the Chief Inspector of Drains, at Foras Road, was accepted for Rs. 770 as per Standing Committee's Resolution No. 6450, dated 30th September 1896.

131. The Company are bound, under the terms of their contract, to supply and fix the apparatus, on or before the 15th September 1897, the Municipality to prepare the necessary foundations and supply cooli labour for fixing the Windmill and Pump.

Fixing Cast Iron pipes and Construction of Wells for observation of Subsoil Water.

132. The above works were provided for in the Budget for 1895-96.

133. Rupees 750 were sanctioned for the former work and Rs. 437 for the latter.

134. The sites for the pipes and wells were approved by the Health Officer in September 1896.

135. Seven cast-iron pipes were fixed departmentally, at a total cost of Rs. 745-5-8, at the undermentioned places :—

(*a*) Thomas Street, Colaba.

(*b*) Near the Afghan Church, Colaba.

(*c*) Near the B. B. & C. I. Railway Terminus Station, Colaba.

(*d*) Chaupati.

(*e*) Fanaswadi.

(*f*) Junction of Queen's Road and Sonapur Street.

(*g*) Durgadevi Street.

136. Five observation wells were constructed departmentally, at a total cost of Rs. 432-11-8, at the following places :—

(*a*) In Bapty Road to the south of the Milch Cattle Stables.

(*b*) In the compound of the Night Branch Stable Kamathipura 7th Street.

(*c*) Opposite the Health Department stables in Kamathipura 10th Street.

(*d*) In Stable Street to the north of Kamathipura 13th Street.

(*e*) On the west side of Kamathipura 15th Street.

Conversion of the Night-soil Depots at Bhangi Moholla and Haines Road into Receiving Depots.

137. A grant of Rs. 15,587 was sanctioned under the Corporation's Resolution No. 14172, dated 5th March 1896.

138. The work at Bhangi Moholla was estimated to cost Rs. 4,742 and that at Haines Road Rs. 10,845.

139. Tenders, returnable on the 1st September 1896, were invited for the former work.

140. Two tenders were received, *viz.*, one from Messrs. Sulemanji Mulla Abdulali & Co., and the other from Messrs. Spencer & Co.

141. Messrs. Sullemanji Mulla Abdulali & Co.'s tender being the lower of the two was accepted for Rs. 3,745.

142. The contractors were bound to complete and give over the work within four months from the date of the order to commence, and this having been given on the 26th November, the contract period expired on the 25th March.

143. The contractors were unable to complete the work within the stipulated time owing to the scarcity of workmen caused by the Plague and the work was still in progress at the close of the year.

144. The certified expenditure on account of the work up to the 31st March was Rs. 283-8-0.

145. Nothing was done regarding the work at Haines Road, as the site for the same was not settled upon at the close of the year.

LATRINES AND URINALS.

LATRINES.

146. The works of metalling the ground in the front of the latrines at Worli Middle Pakhadi and Worli Moti Pakhadi and of putting up corrugated iron partitions between the portions of the latrines for males and females were carried out departmentally during the year.

147. The total cost of the latrines, including the above works at the former place, was Rs. 3,847-1-10, and at the latter place Rs. 2,978-5-8.

148. The construction of the latrines at Dharavi and Parel Village was completed departmentally at the cost of Rs. 2,751-15-11 and Rs. 2,786-2-9 respectively.

149. The works of constructing a screen and weather-frame at the Charni Road latrines and that of paving the ground in front of the latrines for males and females at Byculla Bridge were carried out departmentally at a cost of Rs. 212-3-4 and Rs. 192-5-7 respectively.

150. The work of removing the hoop iron fencing on the north side of the latrine at Mahim, and putting up a corrugated iron partition in its stead, was entrusted to Messrs. Sulemanji Mulla Abdulali & Co., Petty Works Contractors, and carried out at a cost of Rs. 87-10-3.

151. A grant of Rs. 24,598 was sanctioned under the Corporation's Resolution No. 2278, dated 11th June 1896, for the erection of three sets of latrines at Colaba.

152. This amount included Rs. 5,200 for the acquisition of land for the latrines, but the required land had not been acquired at the end of the year.

153. A grant of Rs. 2,299 was sanctioned for the construction of a latrine at Bhoiwada, and it was decided to entrust the work to the Petty Works Contractors for 1897-98.

154. Tenders returnable on the 23rd March 1897 were invited for converting the latrines at Golanji Hill from the ordinary basket system to the water-carriage system, but no tender was received.

155. The work was estimated to cost Rs. 3,822, and proposals (1) to entrust the work of laying the pipe-drain from the head manhole in Parel Village Road to the site of the latrines at a probable cost of Rs. 1,946 to the Petty Works Contractors, and (2) to departmentally execute the remodelling of the latrines, were under consideration at the close of the year.

URINALS.

156. The erection of the undermentioned urinals was entrusted to Messrs. Sulemanji Mulla Abdulali & Co., and was carried out by them during the year at the total cost mentioned against each :—

	Rs.	a.	p.
(*a*) A six-chamber trough pattern urinal at the junction of Belasis Road and Duncan Road	864	5	8
(*b*) A four-chamber trough pattern urinal on the footpath at Grant Road	643	1	7
(*c*) A four-chamber trough pattern urinal at the junction of Isaji Street & Bardan Street...	585	6	4
(*d*) A six-chamber trough pattern urinal at Chinch Bandar Road	516	12	11
(*e*) A three-chamber trough pattern urinal in Bell Lane	409	14	7

157. The undermentioned works were also carried out by the Petty Works Contractors at the cost noted against each :—

	Rs.	a.	p.
(*a*) Construction of a masonry screen wall in front of the urinal at Homji Street ...	99	6	2
(*b*) Blue stone paving around the urinal at Northbrook Street	54	2	6

158. The construction of a four-chamber urinal with a screen wall near the Kavasji Patel Tank was carried out departmentally at a cost of Rs. 695-7-10.

DRAINAGE SLUICES.

159. The sluices and penstocks, which are in charge of the drainage branch of this department, at the following places were worked satisfactorily during the year with the usual staff :—

(*a*) Dharavi.
(*b*) Worli.
(*c*) Love Grove.
(*d*) Flats.
(*e*) Bellasis Bridge.
(*f*) Queen's Road.
(*g*) Carnac Road.
(*h*) Mint Road.

160. The expenditure incurred for the maintenance of the sluices did not exceed the Budget provision.

161. The woodwork of the sluices at Dharavi, Worli and Love Grove needs extensive repairs.

MISCELLANEOUS DRAINAGE.

162. The works under this head, comprising repairs and alterations to, and construction and cleaning of, sewers and drains generally, together with the cleaning and flushing of the main sewers, were carried out under the supervision of the Chief Inspector of Drains.

163. Daily reports in the prescribed form showing the number of sewer scrapers and the work done were submitted by the Chief Inspector of drains.

164. The erection of the latrines and urinals and the execution of the street portions of house drainage connections were supervised by the Chief Inspector of Drains.

165. The house-connection works, including the treatment of sanitary fittings and the remodelling of drainage arrangements, were carried out under the supervision of the Head Plumber.

166. The flushing of pipe-sewers was attended to by the Drainage Inspectors in their respective divisions.

167. The following statement shows that 2,342 notices were served on house-owners when the requirements of the various sections of the Municipal Act were not complied with by them :—

Section of the Municipal Act.	Total number issued.	Complied with.	Not complied with.	Remarks.
230	12	... ...	12	
231	248	46	202	
231 & 232	1	1	... ..	
231 & 257	50	28	22	
231 & 260	160	.....	160	
232	43	7	36	
232 & 257	4	2	2	
234	7	2	5	
238	2	.....	2	
244	14	.....	14	
248	5	3	2	
257	1,003	731	272	
257 & 260	714	.....	714	
258	9	.....	9	
358	32	20	12	
375	38	... ...	38	
Total ...	2,342	840	1,502	

168. When notices are not complied with by house-owners, proceedings are taken against them in the Police Courts.

169. The following statement shows the number of summonses taken out and the result thereof :—

Sections of the Municipal Act.	Total number issued.	Number withdrawn.	Number complied with.	Amount of fines inflicted,	Remarks.
				Rs. a. p.	
231	121	59	71	205 0 0	
232	21	8	13	35 0 0	
234	3	1	2	.....	
248	1	... ...	1	.....	
257	319	47	272	222 0 0	
258	8	7	1	70 0 0	
358	30	14	16	20 0 0	
Total...	503	127	376	552 0 0	

170. The reduction in the number of summonses was due to the exodus of house-owners, licensed plumbers and workmen from the city owing to the Bubonic Plague, and the consequent suspension of action in the Police Courts against house-owners, during the last quarter of the year.

WORKS EXECUTED.

Works executed Departmentally.

171. The following is a summary of Miscellaneous Works executed during 1896-97 for Municipal departments and private parties by the Drainage Branch of my Department :—

Number of works.	Name of Department.	Aggregate Cost.
		Rs. a. p.
	Executive Engineer's Department :—	
110	Drainage Branch	14,686 0 6
13	Water Branch	84 4 8
82	Road Branch	1,003 12 8
1	Municipal Workshops	1 1 4
145	Health Department	10,358 0 5
18	Market do.	1,038 11 2
2	Fire Brigade do.	82 4 4
5	Gardens do.	16 11 11
26	Private Parties	4,264 3 5
402	Total ... Rs.	31,535 2 5

Works executed by the Petty Works Contractors.

172. The following works were entrusted to the Petty Works Contractors, Messrs. Sulemanji Mulla Abdulali & Co., and were carried out by them under the supervision of the Chief Inspector of Drains :—

Consecutive No.	Nature of Works.	Locality.	Cost of the Work.
			Rs. a. p.
1	Lengthening vent-shaft attached to House No. 10.	Barber Lane	41 10 5
2	Removing vent-shaft and re-fixing it to the Custom Chauki.	Mandvi Bunder	45 3 11
3	Constructing screen wall in front of the urinal.	Homji Street	99 6 2
4	Removing the hoop iron fencing on the north side of latrine and putting up corrugated iron partitions instead.	Mahim	87 10 3
5	Connecting the privies and *nahanies* between the new Hospital Ward and the Hospital Assistant's quarters.	Matunga	972 11 8
6	Constructing a four-chamber urinal.	Junction of Isaji Street and Bardan Street.	585 6 4
7	Laying water-tables and connecting them with the new storm-water drain.	Mazagon Road	237 3 2
8	Laying water-tables and ovoiding the side drain.	Do.	459 8 0
9	Constructing a masonry drain with branch connection.	Do.	1,781 4 7
10	Constructing a two-chamber urinal.	Bell Lane	409 14 7
11	Constructing a six-chamber urinal.	Chinch Bandar Road ...	516 12 11
12	Erecting a metal vent-shaft at "Moos Buildings."	Junction of Grant Road and Charni Road.	99 15 10
13	Ovoiding side-drains	Middle Colaba Road, Ardeshir Dadi Street, and Walkeshwar Road.	1,393 5 0
14	Raising a vent-shaft at house No. 265.	Arthur Road	31 11 8
15	Constructing a six-chamber urinal.	Junction of Bellasis Road and Duncan Road.	864 5 8
16	Repairing the side-drains ...	Chira Bazar	48 12 3
17	Removing and refixing metal vent-shaft at Mr. Nurudin's premises.	Kamatipura 13th Street ...	38 15 3
18	Paving the ground in front of the latrines.	Byculla Bridge	192 5 7
19	Connecting the well opposite the Municipal Office with the storm-water drain.	Cruickshank Road ...	98 10 0
20	Constructing a water gully with masonry branch drain.	Fort Street near Bazar Gate Garden.	390 8 10
21	Fixing metal vent-shaft at house No. 181.	Modi Cross Lane	22 0 8
22	Constructing two water gullies...	Clerk Road	419 14 8
		Carried over...Rs	8,837 5 5

Consecutive No.	Name of Works.	Locality.	Cost of the Work.
			Rs. a. p.
		Brought forward...Rs.	8,837 5 5
23	Constructing masonry walls on both sides of the tank at the Nights-oil Depôt.	Bori Bunder	336 14 1
24	Putting a new head piece on the top of the metal vent-shaft	Bruce Lane	32 0 0
25	Rebuilding a masonry storm-water drain.	Khet Wadi Main Road ...	117 15 1
26	Removing metal vent-shaft from house No. 1 and refixing it to house No. 2.	Malharrao Wadi	144 0 2
27	Providing arrangments for proper supply of water to flush the latrines.	Halalkhore Chal in Kharsetji Suklaji Street.	198 5 4
28	Constructing masonry and metal vent-shafts on the main sewer.	Various places	2,943 5 8
		Total ... Rs.	12,609 13 9

STORES AT BELLASIS BRIDGE DEPOT.

Stoneware pipes.

173. Stoneware pipes and specials, manufactured by Messrs. Doulton & Co., were supplied by Messrs. Richardson and Cruddas, for the Special Drainage Department.

174. The value of the pipes and specials (traps, junctions, bends, etc.,) received during the year was Rs. 1,05,045-15-2, and of those issued to different contractors and sold to plumbers and others from the previous year's stock and the new supply amounted to Rs. 1,92,293-4-8.

Cast-iron and galvanized sheet-iron fittings, &c.

175. Cast-iron manhole frames and covers and galvanized iron vent-shafts were supplied by Messrs. Sulemanji Mulla Abdulali & Co., for the Special Drainage Department.

176. Cast-iron manhole frames and covers and other castings for ordinary drainage and miscellaneous works were supplied by Messrs. Sorabji Shapurji & Co., the Casting Contractors for the year.

177. The total value of the fitting received and issued during the year amounted to Rs. 1,44,049-11-0 and Rs. 36,697-5-7 respectively.

Cement.

178. Mr. Gulamali Jivaji was bound under clause 9 of his contract, dated the 20th February 1896, to supply the 1,500 casks of Portland cement remaining to be delivered in three instalments of 500 casks each on the 1st March, 1st April, and 1st May 1896.

179. The instalment due on the 1st March was delivered on the 6th April, that due on the 1st April was delivered on the 14th of the month, and that due on the 1st May was delivered as follows :—

330 casks between the 14th and 22nd April 1896, and

170 casks on the 20th May 1896.

180. Mr. Gulamali explained that the delay in the delivery of the cement, due on the 1st March, was caused by an accident in the Suez Canal, owing to which the s.s. "Thorndale," bringing the cement, arrived later than anticipated, and that the further delay in completing the delivery of the last instalment was occasioned by their having to replace 170 casks of cement which were received in a damaged condition.

181. No loss or inconvenience having been caused to the Municipality by the late delivery of the cement, the Standing Committee, under their Resolution No. 2755, dated 24th June 1896, sanctioned the extension of the contract time to the 20th May 1896.

182. Tenders returnable on the 22nd September 1896 were invited for a further supply of 3,000 casks of cement.

183. Messrs. Sulemanji Mulla Abdulali & Co.'s tender being the lowest of six tenders received was accepted for the supply at the rate of Rs. 7-13-0 per cask under the Standing Committee's Resolution No. 6766, dated 7th October 1896.

184. The contractors were bound, under clause 9 of their contract, to deliver the cement in the following instalments :—

1,000 casks on or before the 1st November 1896.

1,000 casks on or before the 1st December 1896.

500 casks on or before the 1st January 1897.

500 casks on or before the 1st February 1897.

185. The first instalment was delivered on the 1st November and the second on the 14th of the same month, *i.e.*, within the stipulated time.

186. The cement delivered was manufactured by Messrs. Gillingham & Co.

187. The instalments due on the 1st January and the 1st February had not been supplied at the close of the year.

188. The total value of the cement received during the year and of that issued from the previous year's stock and the new supply was Rs. 31,464-14-0 and Rs. 27,157-0-0 respectively.

Value of Stores on hand and of Receipts and Issues.

189. The following statement shows that the value of stores on hand at the commencement of the year was Rs. 3,58,769-12-10, that the receipts and issues amounted respectively to Rs. 2,80,560-8-2 and Rs. 2,56,147-10-3, and that the total value of the stock in hand at the close of the year was Rs. 3,83,182-10-7 :—

No.	Particulars of Stores.	Value of Stock in hand on 1st March 1896.	Value of Stock received during the year 1896-97.	Total of Columns 3 and 4.	Value of issues during 1896-97.	Value of Stock in hand on 1st March 1897.
1	2	3	4	5	6	7
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	Stoneware pipes,&c.	2,88,238 6 5	1,05,045 15 2	3,93,284 5 7	1,92,293 4 8	2,00,991 0 11
B	Cast-iron fittings...	65,701 8 11	1,44,049 11 0	2,09,751 3 11	36,697 5 7	1,73,053 14 4
C	Cement	2,941 11 2	31,464 14 0	34,406 9 2	27,157 0 0	7,249 9 2
D	English Articles (Miscellaneous)...	1,888 2 4	.....	1,888 2 4	.....	1,888 2 4
	Total Rs.	3,58,769 12 10	2,80,560 8 2	6,39,330 5 0	2,56,147 10 3	3,83,182 10 9

GENERAL REMARKS.

190. The following is a summary of clerical work done by the Drainage Office :—

(1)	Inward numbers, including replies to reference for Inspectors and other subordinates of this Office	43,810
(2)	Outward letters and references to Inspectors, &c.	22,760
(3)	Notices served	2,342
(4)	Summonses issued	503
(5)	Contracts executed for works and supplies ...	20
(6)	Vouchers received and passed	2,184
(7)	Departmental and private work bills prepared and forwarded	303
(8)	References made to Inspectors, &c., for certificates on vouchers	2,184
(9)	Reports and certificates received from Inspectors, &c.	2,184
(10)	Requisitions received and forwarded	1,342
(11)	Morning reports received and checked ...	1,020

191. The work in the department was exceptionally heavy, particularly during the second half of the year owing to the various measures taken for the suppression of the Bubonic Plague.

C

WATER WORKS.

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	Paras.
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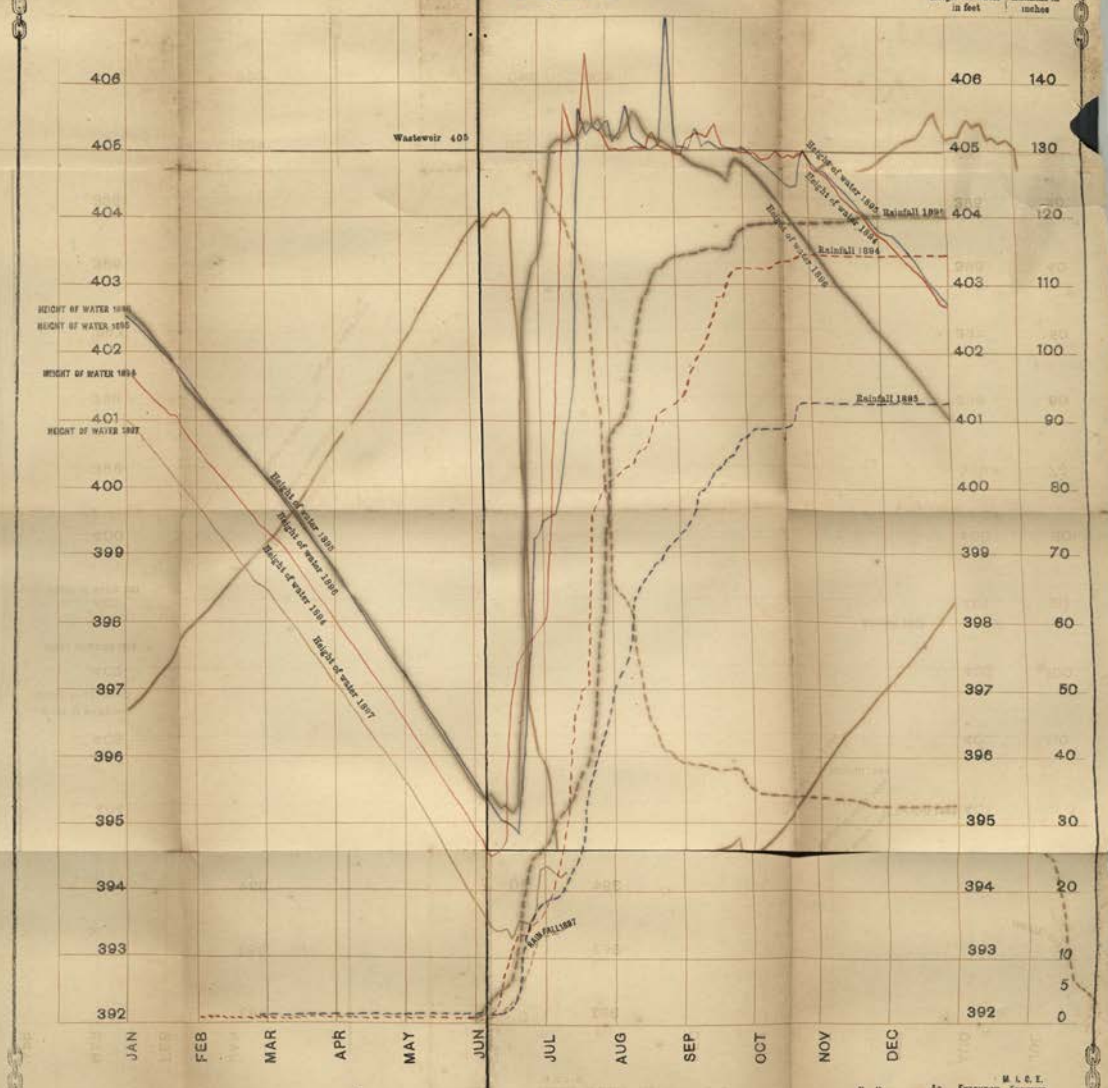
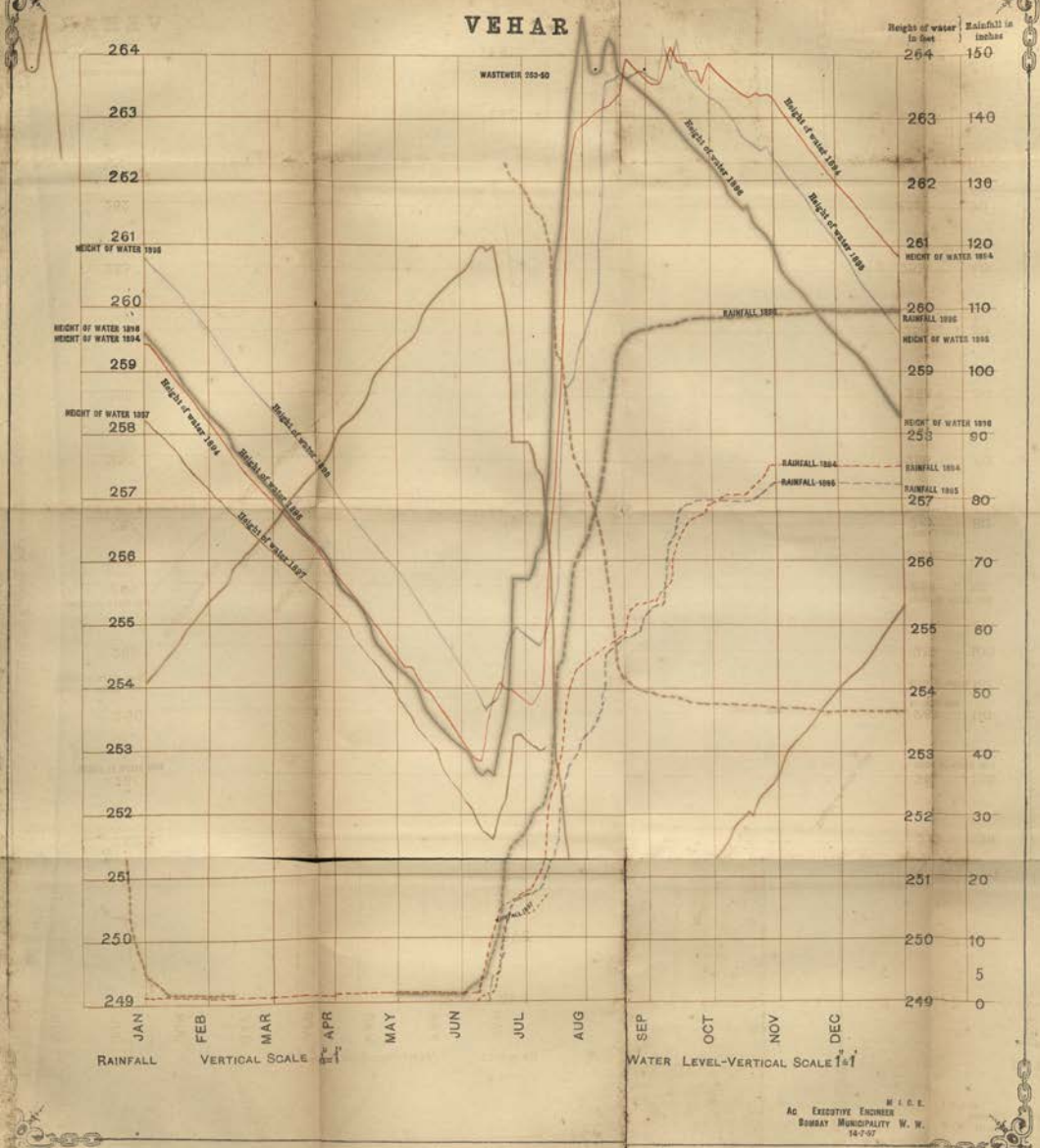
TANSA



RAINFALL VERTICAL SCALE $\frac{1}{6}$"=1"

WATER LEVEL-VERTICAL SCALE 1"=1"

M. I. C. E.
Ac. Executive Engineer
Bombay Municipality W. W.
14-7-97


VEHAR
Height of water in feet
Rainfall in inches
WASTEWEIR 253·50
HEIGHT OF WATER 1896
HEIGHT OF WATER 1894
HEIGHT OF WATER 1897
Height of water 1894
Height of water 1896
Height of water 1897
Height of water 1898
Height of water 1896
Height of water 1895
RAINFALL 1896
RAINFALL 1894
RAINFALL 1895
264
263
262
261
260
259
258
257
256
255
254
253
252
251
250
249
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
5
0
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
RAINFALL VERTICAL SCALE 1/8"=1'
WATER LEVEL-VERTICAL SCALE 1"=1'
M. I. C. E.
AC EXECUTIVE ENGINEER
BOMBAY MUNICIPALITY W. W.
14-7-07

THE TANSA LAKE AND DEPENDENT WORKS

Rainfall and Collection.

Rainfall.

192. The rainfall for the year 1896 was 120·13 inches; that for 1895 was 92·37 inches; 1894, 114·64 inches. The accompanying diagram shows the comparative rainfalls for the different days during the years 1894, 1895 and 1896.

Days of heavy Rainfalls.

193. The heaviest daily falls (of 2 inches and above in 24 hours) were :—

18th	June	1896	2·67	inches.
20th	„	„	2·62	„
21st	„	„	5·12	„
22nd	„	„	4·20	„
21st	July	„	2·75	„
24th	„	„	8·11	„
25th	„	„	5·39	„
27th	„	„	3·65	„
28th	„	„	6·60	„
29th	„	„	8·30	„
30th	„	„	5·75	„
10th	August	„	5·15	„
11th	„	„	2·33	„
14th	„	„	2·15	„
15th	„	„	3·00	„
25th	September	1896	2·55	„

Levels of the Lake.

194. The lowest water-level was 395·14 T.H.D. on the 15th June 1896. The lake overflowed on the 5th July 1896, after 30·34 inches of rain had been registered. The lake ceased to overflow on the 29th of August 1896.

Quantity of Water in the Lake.

195. The storage above lowest inlet on the 31st May 1896 was 10,239 millions of gallons, on the 30th September 1896 it was 18,396 millions of gallons, and on the 31st March 1897 it was 11,480 millions of gallons.

Draw-off.

196. The loss during the six months of the dry season, from the 1st October 1896 to the 31st March 1897, was 6,916 million gallons, or 1,152 millions of gallons per month, including evaporation. In the corresponding period of five months, from 1st November 1895 to 31st March 1896, the quantity was 5,523 millions of gallons, or 1,105 million gallons per month, including evaporation.

Water Overflowing the Waste Weir.

197. The quantity of surplus water passed over the waste weir is calculated to have been 27,700 millions of gallons. The highest flood was 1·80 feet over the waste weir on the 29th July 1896.

Table of Rainfall and Height of Water.

198. Table No. 1 gives the details of the rainfall and height of water in the lake.

Quantity of Water passing into the Duct.

199. The approximate quantity drawn off into the duct from the lake was as follows :—

April	1896	805,200,000	gallons.
May	,,	846,200,000	,,
June	,,	739,200,000	,,
July	,,	564,300,000	,,
August	,,	419,200,000	,,
September	,,	604,000,000	,,
October	,,	746,000,000	,,
November	,,	750,400,000	,,
December	,,	786,300,000	,,
January	1897	797,300,000	,,
February	,,	722,500,000	,,
March	,,	788,500,000	,,
		8,569,100,000	Gallons.

200. Of this some quantity overflowed the waste weirs of the different siphon head chambers.

Quantity of Tansa Water passed into the Vehar Lake.

201. The quantity drawn throughout the year was as large as Siphon No. 6 can discharge. Of the above quantity about 165 millions of gallons were passed into the Vehar Lake.

Burst at Kasheli and Damage to the Embankment.

202. A very heavy fall of rain occurred on the 30th of July, which flooded the Tansa duct line between Godavli and Balcomb, by forming one sheet of water for a length of nearly 3¼ miles. The extraordinary heavy flood damaged the embankment more or less for the whole of the length between the places named, and washed away about 1,000 feet of the bank under the 48″ pipes, thereby destroying a portion of the pipe line and totally stopping the Tansa water-supply to the City. The repairs to the embankment and replacing the pipes in position were carried on day and night, and were finished under the greatest difficulties in 18 days by the staff working in continuous rain. The rainfall during the period of repairs being nearly 30 inches.

203. Estimates for the repairs to the embankment were prepared and submitted to the Corporation and sanction for a part of the proposals was received at the close of the year.

Construction of Inspector's Quarters at Khaling and Quarters for Sub-Inspector and Watchmen at Tansa.

Inspector's Quarters at Khaling.

204. New permanent quarters for the Inspectors were built during the year under report and completed at a cost of Rs. 3,502-11-11.

Sub-Inspector's and Linemen's Quarters at Tansa.

205. The work of building new quarters for the Sub-Inspector and watchmen at Tansa was carried on, and 8 out of the 12 rooms were finished and occupied by the staff. The design for the remaining 4 rooms being altered, they could not be finished during the year, but will be completed in the current year.

Annual Inspection of and Repairs to Duct.

Anaual Inspection.

206. Owing to the great demand of water for flushing purposes during the prevalence of the plague, the Tansa supply could not be shut off this year for a week or ten days, as usual, for general inspection and repairs.

Repairs to Duct and Bursts on 48″ Main.

Stopping of Tansa Water due to Bursts of the 48″ Main.

207. The supply of water to Bombay was, however, stopped on the following dates for repairing the bursts in the 48″ main exclusive of the stoppage for 19 days on account of the burst in the main at Kasheli.

No. of burst.	Locality.	Time when the supply was stopped.	Duration of stoppage.
1	M. 46—4273	From 11-30 p. m. of 17-6-96 to 2 p. m. of 18-6-96.	14½ hours.
2	M. 34—4622	2 p. m. of 18-6-96 to 3 p. m. of 19-6-96.	25 hours.

Both the above bursts were of the 9″ clearing pipes.

Repairs to Tansa Duct on the 45th mile at Ghatkoper.

Repairing and reconstructing a portion of the Duct near Ghatkoper.

208. The leak in the Tansa duct at 44 miles, 4,772 feet, which did not exceed 16,000 gallons in 24 hours during the previous year, increased after the monsoon to nearly three-quarters of a million gallons per day. This was officially brought to the notice of the Municipal Commissioner, who acquired a very early sanction of the Standing Committee and the Corporation for the necessary repairs.

209. The work was started departmentally before the commencement of the hot season. A temporary diversion with 48″ pipes to carry the water to the City having been made, and the wastage of water thus stopped, the work was proceeded with. It is still in progress and approaching completion.

VEHAR LAKE AND DEPENDENT WORKS.

Rainfall, Collection and Discharge, 1896.

Rainfall.

210. The Rainfall for 1896 was 109·81 inches. This was 27·00 inches more than in 1895 and 25·91 inches more than the average (83·90).

211. That for 1895 and 1894 was 82·81 and 85·86 inches respectively. The accompanying diagram shows the comparative rainfalls and the heights of water in the Lake during the different months of the last three years.

212. The Lake overflowed on the 25th July 1896. The overflow ceased on the 28th August 1896.

Days of heavy rainfalls.

213. The heaviest daily falls of two inches and above were :—

14th June 1896	... ...	3·32	inches.
18th „ „	... ...	2·72	„
20th „ „	.. ..	2·65	„
21st „ „	.. ..	7·43	„
10th July „	... ...	3·09	„
13th „ „	... ...	6·18	„
14th „ „	... ...	9·78	„
23rd „ „	... ...	2·42	„
24th „ „	... ...	6·20	„
7th August „	... ...	2·46	„
9th „ „	... ...	2·48	„
10th „ „	... ...	4·72	„
11th „ „	... ...	2·70	„
14th „ „	... ...	2·02	„
15th „ „	... ...	4·85	„

Levels of the Lake.

214. The lowest water level was 252·70 T.H.D. on the 17th June 1896.

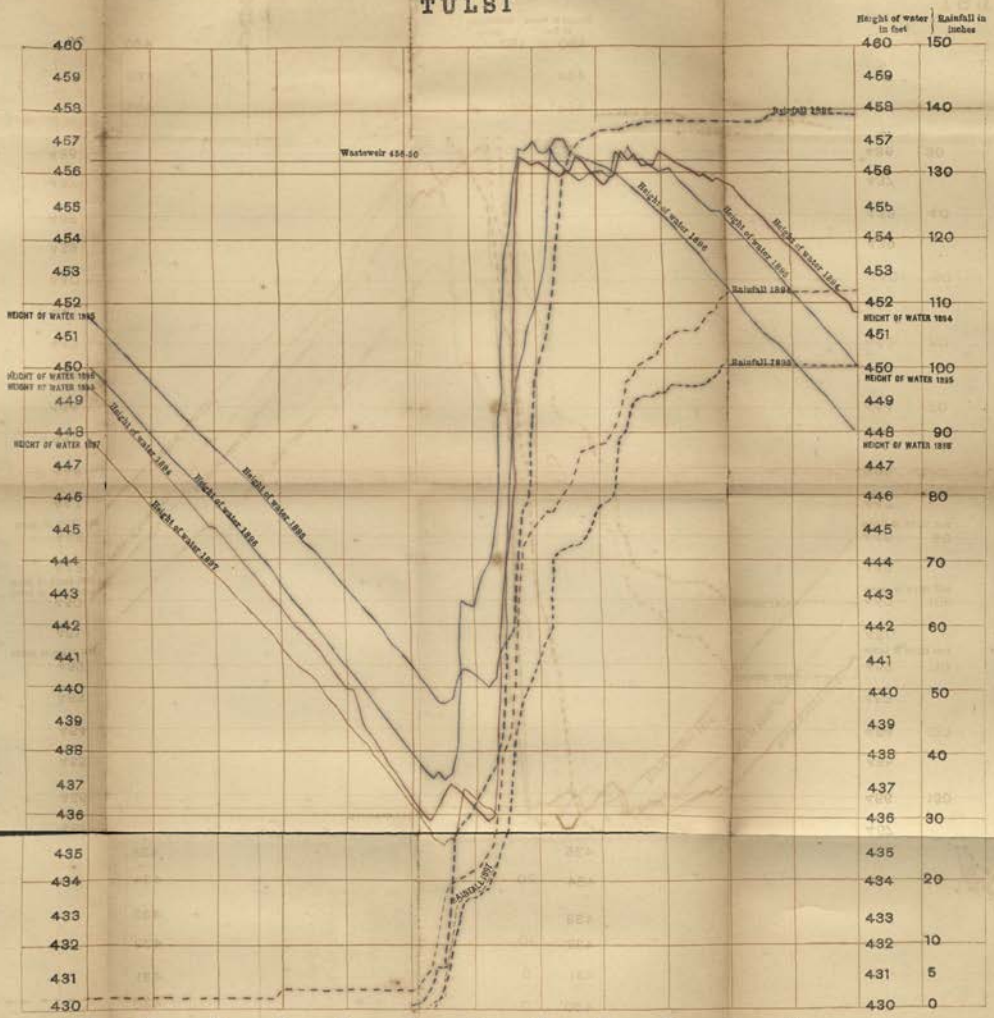
Quantity of water in the Lake.

215. The storage on the 31st October 1895 was 11,010 millions of gallons ; on the 31st May 1896, 7,919 millions of gallons ; and on the 30th September 1896, 11,010 millions of gallons. The daily loss from the Lake during the dry season, from the 31st October 1895 to the 31st May 1896, was 14·5 millions of gallons per day in addition to 165 millions of gallons drawn from Tansa.

Quantity of water received from the Tansa Duct.

216. The calculated quantity received into Vehar Lake from the Tansa Duct between the 31st October 1895 and 31st May 1896 was, as stated above, 165 millions. Between the 1st June 1896 and 31st October 1896, 25 millions of gallons were received as against 36 millions of gallons in the corresponding period of 1895, and between the 1st November 1896 and 31st March 1897, 140 millions of gallons against 3 millions of gallons in the preceding year.

TULSI


Height of water in feet
Rainfall in inches
Wastewair 456.50
Rainfall 1892
Height of water 1894
Height of water 1895
Height of water 1896
Rainfall 1894
Rainfall 1895
HEIGHT OF WATER 1893
HEIGHT OF WATER 1894
HEIGHT OF WATER 1895
HEIGHT OF WATER 1896
HEIGHT OF WATER 1897
Height of water 1894
Height of water 1895
Height of water 1896
Height of water 1897
RAINFALL 1897
460 459 458 457 456 455 454 453 452 451 450 449 448 447 446 445 444 443 442 441 440 439 438 437 436 435 434 433 432 431 430
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 5 0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

RAINFALL VERTICAL SCALE $\frac{1}{6}$"=1"

WATER LEVEL-VERTICAL SCALE $\frac{1}{2}$"=1'

M. I. C. E.
Ac. Executive Engineer
Bombay Municipality W. W.
14-7-97

Line Reference Target LAT-8614-V2

Water overflowing the Tulsi waste weir into Vehar.

217. Between the 22nd July and the 26th August 1896, 1,800 millions of gallons were received from the Tulsi Lake by overflow.

Quantity of water overflowing the Vehar waste weir.

218. The quantity that passed over the Vehar Lake waste weir between the 25th July and the 27th August was roughly 6,530 millions of gallons.

Table of rainfall and leakage.

219. Table No. 2 gives the details of the water level, rainfall and gaugings of leakage at Vehar Lake.

TULSI LAKE AND DEPENDENT WORKS.

Rainfall, Collection and Discharge.

Rainfall.

220. The rainfall for the year 1896 was 139·52 inches. In 1895, it was 100·40 inches and in 1894, 111·15 inches.

Heights of water in the Lake.

221. The accompanying diagram shows the rainfalls and the height of water in the Lake during the different months of 1894, 1895 and 1896.

Days of heavy rainfalls.

222. The heaviest daily falls of 2 inches and above were :—

9th	June	1896	...	...	...	2·18	inches.
11th	,,	,,	...	...	...	2·84	,,
17th	,,	,,	...	...	...	3·12	,,
18th	,,	,,	...	...	...	3·31	,,
20th	,,	,,	...	...	...	3·41	,,
21st	,,	,,	...	...	...	8·37	,,
10th	July	,,	...	...	...	3·34	,,
13th	,,	,,	...	...	...	4·70	,,
14th	,,	,,	...	...	...	8·83	,,
20th	,,	,,	...	...	...	3·14	,,
21st	,,	,,	...	...	...	2·60	,,
23rd	,,	,,	...	...	...	2·72	,,
24th	,,	,,	...	...	...	8·36	,,
28th	,,	,,	...	...	...	3·08	,,
29th	,,	,,	...	...	...	6·90	,,
30th	,,	,,	...	...	...	7·98	,,
31st	,,	,,	...	...	...	3·07	,,
4th	August	,,	...	...	...	2·41	,,
7th	,,	,,	...	...	...	2·18	,,
9th	,,	,,	...	...	...	3·05	,,
10th	,,	,,	...	...	...	4·34	,,
11th	,,	,,	...	...	...	2·92	,,
14th	,,	,,	...	...	...	2·60	,,
15th	,,	,,	...	...	...	5·70	,,

Level of the Lake.

223. The lowest water level was 436·90 T.H.D. on the 17th June 1896.

224. The Lake overflowed on the 23rd July 1896, and the overflow ceased on the 27th of August 1896.

Quantity of water in the Lake.

225. The storage on the 31st October 1895 was 2,136 millions of gallons; on the 31st May 1896 it was 915 millions of gallons; and on the 30th September 1896 it was 2,156 millions of gallons.

Draw off from the Lake.

226. The loss during the six months of dry season from the 1st October 1896 to the 31st March 1897 was 1,030 millions or 171 million gallons per month, compared with the loss of 880 millions of gallons during the five dry months from the 1st November 1895 to 31st March 1896 or 176 million gallons per month.

Water overflowing the waste weir.

227. The quantity of water which passed over Tulsi waste weir into Vehar Valley is estimated at 1,800 millions of gallons.

Table of level and leakage.

228. Table No. 3 gives the details of water level and gaugings of leakage at Tulsi Lake.

Tulsi Forest.

229. During the year, the Tulsi gathering ground forest was transferred to the supervision of Government Forest Department, as per Government Resolution No. 1019 of the 3rd February 1896, on 16th April 1896.

PAWAI LAKE AND DEPENDENT WORKS.

Pumping Plant.

230. The Pawai pumping plant has been in charge of the Assistant Executive Engineer, Mechanical Branch, since the 29th January 1896, together with all accessories thereof.

Compensation for Land.

231. After protracted proceedings in the Thana District Court and the Bombay High Court, the purchase money Rs. 7,655-7-6 for the land acquired for the Pawai and Tansa Works was paid into Court on the 16th of February 1897.

Water Level and Rainfall.

232. Table No. 4 gives the details of the water level and rainfall.

BHANDARWADA (JOHN HAY GRANT) SERVICE RESERVOIR.

Filters.

233. The filters were working from the beginning of the year till the first week in December when they were stopped for washing the filtering materials.

Covering Storage Basin and Construction of Filters over it.

Storage Reservoir at Bhandarwada.

234. The progress of this work during the year was not satisfactory. In the month of June 1896, a question arose regarding the substitution in the filtering materials of shingle, instead of chips mentioned in the contract, and owing to the delay in deciding this question the contractors declined to carry on any further works afterwards.

235. Legal opinion having been taken and found to be in favor of the Contractors, the remaining works will have to be done by other agencies. The cost, however, will be a good deal more than if the work had been completed under the contract and paid for at the contractors' rates.

236. The expenditure during the year for the work was Rs. 1,17,391-4-4.

Pointing the walls and plastering the floor of Bhandarwada Storage Reservoir.

237. During the year the four walls of the Storage Reservoir were pointed and the floor paved with Indian patent stone. The work was practically finished during the year by Messrs. Garlick & Co.

Malabar Hill Reservoir Filters and the Roof.

238. The condition of the filtering materials in the filters in this Reservoir was the subject of discussion in the Standing Committee and the Corporation during the previous year. The filtering materials in No. 1 Filter have been renewed during the year.

239. The work of renewing the filtering materials, as well as of making certain improvements in the filters, has been taken in hand and was in progress at the end of the year under review.

QUALITY OF WATER.

Analysis of Water.

240. Analysis of water drawn from the Vehar, Tulsi and Tansa Lakes are given in Table No. 5.

Temperature of Water.

241. Table No. 6 gives the details of the temperature observations of the water in the lakes and service reservoirs.

242. It will be seen that the maximum and minimum temperatures of the water at the different places were as follows :—

Place.	Maximum and Date.	Minimum and Date.
Tansa Lake	97° F. on 24th May 1896	72° F. on 20th January 1897.
Vehar Lake	93° F. from 20th to 26th October 1896..	70° F. between 20th October 1896 and 24th January 1897.
Tulsi Lake	91° F. between 2nd and 9th Oct. 1896..	73° F. between 16th January and 14th February 1897.
Siphon No. 6, South ..	91° F. between 4th October and 7th November 1896. 94° F. between 20th and 31st Mar. 1897.	73° F. between 17th January and 7th March 1897.

MISCELLANEOUS WORKS.

Connection at Chinchpokli.

243. It is to be very much regretted that no progress was made with this important and necessary work, and the suit in connection with this question between the G. I. P. Railway and the Municipality is still pending in the High Court.

244. It would be desirable to complete this connection without further delay if it could be done, by arrangement with the Railway Company, without prejudice to our right of entering and doing work within the Railway limits at any time when necessary to do so.

Extensions of Water Mains in different parts of the City.

New 4″ main in different parts of the City.

245. The Corporation, in their Resolution No. 2274 of 11th June 1896, sanctioned Rs. 30,000 for laying 4″ mains in the different parts of the City.

246. Detailed estimates for the same were prepared and the Commissioner's sanction obtained. The work has been let out by contract and will be taken in hand during the current year.

Laying 9″ Main in Worli Road.

247. The Corporation, in their Resolution No. 2274 of 11th June 1896, sanctioned Rs. 27,000 from the Capital account and Rs. 30,000 from the renewal of the main account for laying a 9″ main in Worli Road. The work is let out on contract and will be carried out during the current year.

Mains in Kalachowki Road, Reay Road, Sewri Road and Dock Yard Road.

248. The Corporation further sanctioned during the year a sum of Rs. 2,32,000 for laying the following mains :—

(1) Kalachowki Road, 32″ main.
(2) 12″ Sewri Cemetery Road.
(3) 18″ Dock Yard Road to Frere Road and Elphinstone Bridge.
(4) 18″ Reay Road main.
(5) 4″ Reay Road main

249. Detailed estimates for these works were prepared; but the total amounts thereof were found to be in excess of the grants. A further report on the subject has therefore been made to the Commissioner, and the sanction of the Corporation is awaited for the execution by an early date of the first three works with some modifications.

Laying a 12" main in Parbhadevi Road.

250. This work was completed during the year under report at a cost of Rs. 16,796-9-1.

251. A sum of Rs. 400 available from this grant has been sanctioned by the Corporation, under their Resolution No. 250 of 5th April 1897, for laying a small 2" main. This work will be carried out departmentally during the current year.

DISTRIBUTION AND MAINTENANCE.

252. The breaking out of the Bubonic Plague in the City necessitated the use of a large quantity of water for flushing the drains and gutters.

253. During the time the epidemic was raging, a number of water connections to private dwelling houses were cut off under the orders of the Commissioner, and the water was supplied by means of stand-pipes erected in the streets.

254. This, as well as the decrease in the population of the Island, reduced the consumption of water for some weeks. The supply of water from the Tulsi Lake was therefore totally shut off from 25th January to 12th April 1897.

255. The number of connections cut off during the year for the above reason was 1,180, and the number of stand-pipes erected was 227.

Public Supplies.

256. Table No. 7 gives the details of the free supplies, 193 in number.

Bursts repaired.

257. The repairs during the following three years have been :—

Diameter of pipe	1894-95.	1895-96.	1896-97.	Remarks.
3"	224	172	116	
4"	40	47	39	
5"	11	10	2	
6"	30	16	7	
7"	1	4	7	
8"	1	2	2	
9"	1	1	1	
10"	.....	.....	.....	
12"	.....	.....	.....	
16"	.....	.....	1	
18"	.....	.....	.....	
24"	1	.....	.....	
27"	.....	1	.....	
32"	1	.....	2	
42"	.....	.....	.....	
48"	3	2	8	
Total ...	318	255	180	

258. The following statement shows the localities where bursts have occurred in 1896-97 :—

Size of mains.	Date when burst.	Localities.	Remarks.
16″	24- 8-96	Bazar Gate Street ...	Repaired the same day.
(1) 32″	29-11-96	Near Kurla at 4 miles 3155 feet.	Repaired the same night.
(2) 32″	12- 3-97	Between Dadur and Matunga.	Repaired on 13-3-1897.
(1) 48″	17- 6-96	At 46 miles 4273 feet ...	Repaired on 18-6-1896.
(2) 48″	18- 6-96	At 34 miles 4622 feet ...	Repaired on 19-6-1896.
(3) 48″	21- 3-97	Near Wari Bandar, Mazagon.	Repaired on 22-3-1897.

Connection Work.

Number of Water-connections in the City.

259. During the year new connections were made, of which the details are given in table No. 10. 230 services, exclusive of those cut off on account of plague, were disconnected either on account of the buildings being pulled down or with the Standing Committee's sanction for non-payment of rates or infringements of the provisions of the Municipal Act.

260. The net increase in the number of connections during the year, exclusive of those for the plague, was 267, bringing the total up to 19,712, being an increase for the year of 1·3 per cent.

261. The numbers and percentages have been :—

Years.	Number.	Percentage of total number in preceding years.
1894-95	310	1·7
1895-96	279	1·4
1896-97	267	1·3

Meter Supplies.

262. The meters of different sizes in use on the 31st March 1897 numbered 2,047, being an increase of 193 on the number (1,854) for the preceding year.

263. The consumption registered through meters in the three years was—

	Gallons.
1894	1,277,706,453
1895	1,290,519,465
1896	1,258,941,436

264. Further details are given in tables Nos. 11 and 12.

Waste Prevention.

265. The breaking up of the roads in many localities and the disturbance of the sub-soil for new drainage works has greatly increased the work in this department.

FINANCIAL.

Stock.

266. The value of the reserve stock on the 1st March 1896 was Rs. 4,41,395-6-10 as audited. The purchases during the year aggregated to Rs. 90,211-5-8. The issues during the year aggregated to Rs. 98,732-6-8, and the value of the balance on the 1st March 1897 was Rs. 4,43,965-5-4. This leaves an amount on the credit side of Rs. 12,455-15-1.

Supply of Meters, Fittings, Pipes and Hydrants.

267. During the year a supply of meters and fittings was obtained by contract with Messrs. John Fleming & Co.

268. The materials obtained were :—

Description.	No.	Per	Rate. Rs.	a.	p.
½" Siemen's meters, made by Messrs. Guest and Chrimes, Rotherham.	150	Each.	34	3	0
1" Do. do. do. ...	20	,,	54	8	5
1½" Do. do. do. ...	5	,,	83	2	7
2" Do. do. do. ...	5	,,	114	0	9
3" Do. do. do. ...	5	,,	173	4	2
4" Do. do. do. ...	5	,,	232	8	0
6" Do. do. do. ...	5	,,	388	9	1
¾"Tylor's new Rotary meters made by Messrs. J. Tylor and Sons, London	50	,,	38	5	6
½" Kelvin Bib Taps made by the Palatine Engineering Co., Ld., Liverpool...	50	,,	3	3	7
¾" Do. do. do. ...	20	,,	4	8	7
½" Stop Ferrules, Penny's Patent...	500	,,	1	4	11
¾" Do. do. do.	200	,,	2	3	6
1" Ball valves	20	,,	4	9	11
1½" Do.	5	,,	13	3	8
¾" Galvanized W. I. Couplings	99	,,	0	4	0
½" Lead pipe	200	foot.	0	4	3
1" Do.	100	,,	0	9	2
	tons. c. q. lbs.				
3" C. I. Double Spigot Pipes 22 1 1 22 ...	...	Ton	109	7	0
4" Do. do. do.	7	,,	106	9	0
2½" Straightway double valve hydrants	587	Each	32	8	0

269. The contract amount for these meters and fittings was Rs. 37,771-15-3.

270. Tenders for the above were received on the 1st September 1896.

Sale of Produce at Lakes and other Places.

271. The right of taking fruits from the trees on Municipal land about the lakes and on the pipe lines, and of taking grass, leaves, dead trees, brushwood, &c., on the Pawai Lake property, was sold in 1896-97 for Rs. 2,029 against Rs. 2,486 realized in 1895-96.

Works Executed for Municipal Departments and Private Parties.

272. The following is a summary of works executed during 1896-97 for Municipal Departments and private parties by the Water Branch :—

No. of Works.	For what Department.	Aggregate Cost.
		Rs. a. p.
31	Water Works Branch, Ex. Engr's. Dept.	15,415 10 8
29	Drainage Branch do. do. ...	538 8 8
155	Road Branch do. do. ...	10,498 14 5
214	Health Department	13,310 3 7
36	Special Drainage Department	2,018 6 10
47	Markets Department	262 1 8
37	Gardens Department	2,429 1 1
4	Fire Brigade Department	17 9 10
1	School Department	1 15 1
158	Private Parties	4,941 3 11
710	Total Rs. ...	49,433 11 9

GENERAL.

Notices issued.

273. Tables Nos. 8 and 9 give the number of notices issued during the year. The total was 9,747 against 8,920 in 1895-96 and 6,781 in 1894-95.

274. Applications were made to the Standing Committee and their sanction accorded, under Section 279 of the Municipal Act, to sever the connections of service pipes in 1,022 cases for different reasons; the sanction was carried out in 148 cases.

Correspondence.

275. The following is a comparative statement of correspondence for the three years 1894-95, 1895-96, and 1896-97 :—

Particulars.	1894-95.	1895-96.	1896-97.
Inward letters	9,857	11,011	11,392
Outward letters	9,803	11,381	12,373
Total ...	19,660	22,392	23,765
Letters sent to Inspectors for report ...	7,521	8,597	8,784
Do. received from Inspectors with reports.	7,353	8,532	8,472
Total ...	14,874	17,129	17,256
Grand Total ...	34,534	39,521	41,021

Bills and Vouchers.

276. The following number of bills and vouchers were also dealt with in the respective years :—

Particulars.	1894-95.	1895-96.	1896-97.
Bills, vouchers, pay-sheets, &c.	1,707	1,731	1,741
Departmental bills	612	542	554
Private bills including bills for Disconnections	386	377	312
Total ...	2,705	2,650	2,607

STATISTICS.

TABLE No. 1.

277. Water Level and Rainfall at Tansa Lake.

Date 1896.		Height of Water.		Rainfall.		Date 1896.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
							Brought ford.	...	...	...	...
1	January ...	402	63	...	...						
2	,, ...	402	60	...	...						
3	,, ...	402	56	...	...	1	February ...	401	34	...	...
4	,, ...	402	52	...	...	2	,, ...	401	30	...	...
5	,, ...	402	48	...	...						
				...	...					...	...
						3	,, ...	401	26	...	...
6	,, ...	402	43	...	...	4	,, ...	401	21	...	...
7	,, ...	402	39	...	...	5	,, ...	401	17	...	...
8	,, ..	402	35	...	...	6	,, ...	401	13	...	...
9	,, ...	402	30	...	...	7	,, ...	401	09	...	...
10	,, ...	402	25	...	...	8	,, ...	401	04	...	...
11	,, ...	402	20	...	...	9	,, ...	400	00	...	...
12	,, ...	402	15	...	...						
				...	...					...	...
						10	,, ...	400	96	...	...
13	,, ...	402	11	...	...	11	,, ...	400	92	...	...
14	,, ...	402	08	...	...	12	,, ...	400	88	...	...
15	,, ...	402	04	...	...	13	,, ...	400	84	...	...
16	,, ...	402	00	...	...	14	,, ...	400	78	...	...
17	,, ..	401	96	...	...	15	,, ..	400	74	...	...
18	,, ...	401	92	...	...	16	,, ...	400	70	...	...
19	,, ...	401	88	...	...						
				...	...					...	...
						17	,, ...	400	66	...	...
20	,, ...	401	83	...	...	18	,, ...	400	62	...	..
21	,, ...	401	78	...	...	19	,, ...	400	58	...	...
22	,, ...	401	74	...	...	20	,, ...	400	54	...	...
23	,, ...	401	70	...	...	21	,, ..	400	50	...	...
24	,, ...	401	66	...	...	22	,, ...	400	46	...	...
25	,, ...	401	62	...	...	23	,, ...	400	38	...	...
26	,, ...	401	58	...	...						
				...	...					...	...
						24	,, ...	400	34	...	...
27	,, ...	401	54	...	...	25	,, ...	400	30	...	...
28	,, ...	401	50	...	...	26	,, ...	400	26	...	...
29	,, ...	401	46	...	...	27	,, ...	400	22	...	...
30	,, ...	401	42	...	...	28	,, ...	400	18	...	...
31	,, ...	401	38	...	...	29	,, ...	400	14	...	...
	Carried over...	...	...	...	...		Carried over.	...	...	...	...

TABLE No. 1—*contd.*

Water Level and Rainfall at Tansa Lake.

Date 1896.		Height of Water.		Rainfall.		Date 1896.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
	Brought ford.	...	...	...	...		Brought ford.	...	...	...	...
1	March ...	400	10	...	...	1	April ...	398	62	...	...
				...	...	2	„ ...	398	58	...	...
2	„ ...	400	06	...	...	3	„ ...	398	54	...	...
3	„ ...	400	01	...	...	4	„ ...	398	50	...	...
4	„ ...	399	97	...	...	5	„ ...	398	46	...	...
5	„ ...	399	93	...	...					...	...
6	„ ...	399	88	...	...						
7	„ ...	399	84	...	...						
8	„ ...	399	80	...	..	6	„ ...	398	42	...	...
				...	...	7	„ ...	398	38	...	...
						8	„ ...	398	34	...	...
9	„ ...	399	75	...	...	9	„ ...	398	30	...	...
10	„ ...	399	70	...	...	10	„ ...	398	25	...	...
11	„ ...	399	65	...	...	11	„ ...	398	20	...	...
12	„ ...	399	60	...	...	12	„ ...	398	15	...	...
13	„ ...	399	55	...	...					...	...
14	„ ...	399	50	...	...						
15	„ ...	399	45	...	...	13	„ ...	398	10	...	...
				...	..	14	„ ...	398	05	...	...
						15	„ ...	398	00	...	...
16	„ ...	399	40	...	...	16	„ ...	397	95	...	...
17	„ ...	399	35	...	...	17	„ ...	397	90	...	...
18	„ ...	399	30	...	...	18	„ ...	397	85	...	...
19	„ ...	399	25	...	...	19	„ ...	397	80	...	...
20	„ ...	399	20	...	...					...	...
21	„ ...	399	15	...	...						
22	„ ...	399	10	...	...	20	„ ...	397	75	...	...
				...	...	21	„ ...	397	70	...	...
						22	„ ...	397	64	...	...
23	„ ...	399	05	...	...	23	„ ...	397	58	...	...
24	„ ...	399	00	...	...	24	„ ...	397	52	...	...
25	„ ...	398	95	...	...	25	„ ...	397	46	...	...
26	„ ...	398	91	...	...	26	„ ...	397	40	...	...
27	„ ...	398	86	...	...					...	...
28	„ ...	398	81	...	...						
29	„ ...	398	76	...	...	27	„ ...	397	34	...	...
				...	...	28	„ ...	397	29	...	...
30	„ ...	398	71	...	...	29	„ ...	397	24	...	...
31	„ ...	398	66	...	...	30	„ ...	397	19	...	...
	Carried over.	...	...	...	...		Carried over.	...	...	...	...

TABLE No. 1—*contd.*

Water Level and Rainfall at Tansa Lake.

Date 1896.		Height of Water.		Rainfall.		Date 1896.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
	Brought ford.	...	...	...	...		Brought ford.	...	...	...	84
						1	June ...	395	44	...	12
1	May ...	397	14	...	...	2	„ ...	395	40	...	76
2	„ ...	397	09	...	...	3	„ ...	395	38	...	20
3	„ ...	397	03	...	...	4	„ ...	395	36	1	82
						5	„ ...	395	47	...	...
				...	...	6	„ ...	395	42	...	...
						7	„ ...	395	38	...	...
4	„ ...	396	97	...	...						
5	„ ...	396	91	...	...					2	90
6	„ ...	396	86	...	...						
7	„ ...	396	80	...	...	8	„ ...	395	33	...	...
8	„ ...	396	74	...	...	9	„ ...	395	28	1	20
9	„ ...	396	68	...	...	10	„ ...	395	33	...	02
10	„ ...	396	62	...	...	11	„ ...	395	31	...	14
						12	„ ...	395	28	...	...
				...	...	13	„ ...	395	23	...	...
						14	„ ...	395	18	...	41
11	„ ...	396	56	...	...						
12	„ ...	396	50	...	...					1	77
13	„ ...	396	44	...	...						
14	„ ...	396	38	...	...	15	„ ...	395	14	...	87
15	„ ...	396	32	...	...	16	„ ...	395	22	...	...
16	„ ...	396	26	...	...	17	„ ...	395	20	1	...
17	„ ...	396	21	...	...	18	„ ...	395	25	2	67
						19	„ ...	395	75	1	70
				...	...	20	„ ...	396	25	2	62
						21	„ ...	396	80	5	12
18	„ ...	396	15	...	...						
19	„ ...	396	11	...	...					13	98
20	„ ...	396	06	...	...						
21	„ ...	396	01	...	...	22	„ ...	398	80	4	20
22	„ ...	395	96	...	...	23	„ ...	402	00	...	73
23	„ ...	395	90	...	...	24	„ ...	402	60	...	22
24	„ ...	395	84	...	...	25	„ ...	402	90	...	75
						26	„ ...	403	12	...	26
				...	...	27	„ ...	403	30	...	03
						28	„ ...	403	40	...	15
25	„ ...	395	78	...	...						
26	„ ...	395	72	...	...					6	34
27	„ ...	395	67	...	...						
28	„ ...	395	62	...	78	29	„ ...	403	43	...	24
29	„ ...	395	56	...	...	30	„ ...	403	49	...	67
30	„ ...	395	54	...	...						
31	„ ...	395	49	...	06					...	...
	Carried over.	...	...	...	84		Carried over.	...	...	25	83

TABLE No. 1—*contd.*

Water Level and Rainfall at Tansa Lake.

Date 1896.		Height of Water.		Rainfall.		Date 1896.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
	Brought ford.	...	...	25	83		Brought ford.	...	...	61	94
1	July ...	403	55	1	30	1	August ...	405	50	...	30
2	,, ...	403	89	1	03	2	,, ...	405	30	...	65
3	,, ...	404	25	...	49						
4	,, ...	404	60	...	78					26	05
5	,, ...	405	02	...	43						
						3	,, ...	405	25	...	92
				4	94	4	,, ...	405	30	...	92
						5	,, ...	405	28	...	34
6	,, ...	405	09	...	14	6	,, ...	405	20	...	37
7	,, ...	405	09	...	90	7	,, ...	405	19	1	30
8	,, ...	405	12	...	09	8	,, ...	405	25	1	10
9	,, ...	405	10	...	...	9	,, ...	405	30	...	88
10	,, ...	405	02	1	22						
11	,, ...	405	12	...	58					5	83
12	,, ...	405	15	...	40						
						10	,, ...	405	30	5	15
				3	33	11	,, ...	405	92	2	33
						12	,, ...	405	60	1	43
13	,, ...	405	15	...	27	13	,, ...	405	40	...	74
14	,, ...	405	18	...	95	14	,, ...	405	30	2	15
15	,, ...	405	20	1	84	15	,, ...	405	50	3	00
16	,, ...	405	32	...	68	16	,, ...	405	60	...	59
17	,, ...	405	28	...	16						
18	,, ...	405	15	...	90					15	39
19	,, ...	405	18	1	64						
						17	,, ...	405	40	...	12
				6	44	18	,, ...	405	25	...	65
						19	,, ...	405	20	1	15
20	,, ...	405	40	1	64	20	,, ...	405	30	...	75
21	,, ...	405	45	2	75	21	,, ...	405	25	...	55
22	,, ...	405	50	...	68	22	,, ...	405	21	...	34
23	,, ...	405	35	1	58	23	,, ...	405	16	...	05
24	,, ...	405	40	8	11						
25	,, ...	406	80	5	39					3	61
26	,, ...	406	40	1	25	24	,, ...	405	10	...	13
						25	,, ...	405	06	...	92
				21	40	26	,, ...	405	10	...	10
						27	,, ...	405	06	...	10
27	,, ...	405	50	3	65	28	,, ...	405	04	...	02
28	,, ...	405	80	6	60	29	,, ...	405	00	...	18
29	,, ...	406	80	8	30	30	,, ...	404	98	...	06
30	,, ...	406	25	5	75						
31	,, ...	406	70	...	80					1	51
				...	...	31	,, ...	404	98	...	06
	Carried over.	...	...	61	94		Carried over.	...	...	114	33

TABLE No. 1—*contd.*

Water Level and Rainfall at Tansa Lake.

Date 1896.		Height of Water.		Rainfall.		Date 1896.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
	Brought ford.	...	...	114	33		Brought ford.	...	...	118	71
1	September...	404	96	...	21	1	October ...	404	80	...	...
2	" ...	404	96	...	10	2	" ...	404	78	1	05
3	" ...	404	93	...	02	3	" ...	404	78	...	...
4	" ...	404	91	...	14	4	" ...	404	75	...	...
5	" ...	404	90	...	10						
6	" ...	404	89	...	...					1	05
				...	63	5	" ...	404	70	...	...
						6	" ...	404	68	...	...
7	" ...	404	88	...	...	7	" ...	404	64	...	...
8	" ...	404	85	...	...	8	" ...	404	59	...	...
9	" ...	404	83	...	...	9	" ...	404	55	...	...
10	" ...	404	82	...	...	10	" ...	404	50	...	...
11	" ...	404	80	...	06	11	" ...	404	46	...	...
12	" ...	404	79	...	10						
13	" ...	404	78	...	04					...	...
				...	20	12	" ...	404	41	...	...
						13	" ...	404	39	...	...
14	" ...	404	78	...	10	14	" ...	404	34	...	...
15	" ...	404	78	...	...	15	" ...	404	30	...	...
16	" ...	404	74	...	...	16	" ...	404	25	...	...
17	" ...	404	72	...	...	17	" ...	404	21	...	...
18	" ...	404	70	...	...	18	" ...	404	16	...	...
19	" ...	404	69	...	...						
20	" ...	404	65	...	...					...	...
				...	10	19	" ...	404	11	...	...
						20	" ...	404	07	...	...
21	" ...	404	62	...	...	21	" ...	404	03	...	...
22	" ...	404	60	...	...	22	" ...	403	99	...	...
23	" ...	404	58	...	...	23	" ...	403	95	...	...
24	" ...	404	54	...	...	24	" ...	403	90	...	...
25	" ...	404	51	2	55	25	" ...	403	86	...	...
26	" ...	404	80	...	90						
27	" ...	404	90	...	...					...	...
				3	45	26	" ...	403	81	...	...
						27	" ...	403	76	...	...
28	" ...	404	89	...	...	28	" ...	403	72	...	...
29	" ...	404	88	...	...	29	" ...	403	69	...	...
30	" ...	404	83	...	...	30	" ...	403	64	...	...
						31	" ...	403	58	...	...
	Carried over.	...	...	118	71		Carried over.	...	...	119	76

TABLE No. 1—*concld.*

Water Level and Rainfall at Tansa Lake.

Date 1896.		Height of Water.		Rainfall.		Date 1896.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
	Brought ford.	...	...	119	76		Brought ford.	...	...	120	13
1	November ...	403	53	...	...	1	December ...	402	29	...	...
2	„ ...	403	50	...	...	2	„ ...	402	25	...	...
3	„ ...	403	45	...	...	3	„ ...	402	22	...	...
4	„ ...	403	41	...	...	4	„ ...	402	19	...	...
5	„ ...	403	36	...	...	5	„ ...	402	16	...	...
6	„ ...	403	32	...	...	6	„ ...	402	12	...	...
7	„ ...	403	28	...	...					...	...
8	„ ...	403	23	...	...	7	„ ...	402	08	...	...
				...	...	8	„ ...	402	04	...	...
						9	„ ...	402	50	...	...
						10	„ ...	401	96	...	...
9	„ ...	403	18	...	...	11	„ ...	401	92	...	...
10	„ ...	403	14	...	...	12	„ ...	401	88	...	...
11	„ ...	403	09	...	...	13	„ ...	401	83	...	...
12	„ ...	403	05	...	...					...	...
13	„ ...	403	01	...	...						
14	„ ...	402	97	...	...	14	„ ...	401	78	...	...
15	„ ...	402	93	...	...	15	„ ...	401	73	...	...
						16	„ ...	401	68	...	...
				...	...	17	„ ...	401	63	...	...
						18	„ ...	401	58	...	...
16	„ ...	402	89	...	...	19	„ ...	401	53	...	...
17	„ ...	402	85	...	...	20	„ ...	401	48	...	...
18	„ ...	402	81	...	...					...	...
19	„ ...	402	77	...	21						
20	„ ...	402	73	...	...	21	„ ...	401	43	...	...
21	„ ...	402	69	...	16	22	„ ...	401	38	...	...
22	„ ...	402	66	...	...	23	„ ...	401	33	...	...
						24	„ ...	401	29	...	...
				...	37	25	„ ...	401	25	...	...
						26	„ ...	401	21	...	...
23	„ ...	402	62	...	...	27	„ ...	401	17	...	...
24	„ ...	402	57	...	...					...	...
25	„ ...	402	53	...	...						
26	„ ...	402	49	...	...						
27	„ ...	402	45	...	...	28	„ ...	401	13	...	...
28	„ ...	402	41	...	...	29	„ ...	401	09	...	...
29	„ ...	402	37	...	...	30	„ ...	401	05	...	...
						31	„ ...	401	01	...	...
				...	...					...	...
30	„ ...	402	33	...	...						
	Carried over.	...	...	120	13		Total rainfall for the year 1896.	...	...	120	13

TABLE No. 2.

278. Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1896.		Height of water.		Rainfall.		No. 1 Dam Gauge, Inches.	No. 2 Dam Gauge. Inches.	No. 3 Dam Gauge, Inches. (1)	No. 3 Dam Gauge, Inches. (2)	Waste Weir Drain.					Old Waste Weir, Gauge in Inches.
		Feet.	Cents.	Inches.	Cents.					No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	
1	January ...	259	60	...	...	3¼	1⅞	1⅞	1¾	1	1⅛	2⅜	1	3⅛	4
2	„ ...	259	55	...	...	3¼	1⅞	1⅞	1¾	1	1⅛	2⅜	1	3⅛	4
3	„ ...	259	50	...	...	3¼	1⅞	1⅞	1¾	1	1⅛	2⅜	1	3⅛	4
4	„ ...	259	45	...	...	3¼	1⅞	1⅞	1¾	1	1⅛	2⅜	1	3⅛	4
5	„ ...	259	40	...	...	3¼	1⅞	1⅞	1¾	1	1⅛	2⅜	1	3⅛	4
				...	...										
6	„ ...	259	40	...	...	3¼	1⅞	1⅞	1¾	1	1⅛	2¼	1	3⅛	3⅞
7	„ ...	259	35	...	...	3¼	1⅞	1⅞	1¾	1	1⅛	2¼	1	3⅛	3⅞
8	„ ...	259	30	...	...	3¼	1⅞	1⅞	1¾	1	1⅛	2¼	1	3⅛	3⅞
9	„ ...	259	25	...	...	3¼	1⅞	1⅞	1¾	1	1⅛	2¼	1	3⅛	3⅞
10	„ ...	259	20	...	...	3¼	1⅞	1⅞	1¾	1	1⅛	2¼	1	3⅛	3⅞
11	„ ...	259	15	...	...	3¼	1⅞	1⅞	1¾	1	1⅛	2¼	1	3⅛	3⅞
12	„ ...	259	15	...	...	3¼	1⅞	1⅞	1¾	1	1⅛	2¼	1	3⅛	3⅞
				...	...										
13	„ ...	259	10	...	...	3¼	1⅞	1¾	1⅝	1	1⅛	2¼	1	3⅛	3¾
14	„ ...	259	05	...	...	3¼	1⅞	1¾	1⅝	1	1⅛	2¼	1	3⅛	3¾
15	„ ...	259	00	...	...	3¼	1⅞	1¾	1⅝	1	1⅛	2¼	1	3⅛	3¾
16	„ ...	259	00	...	...	3¼	1⅞	1¾	1⅝	⅞	1¼	2⅛	⅞	3⅛	3⅝
17	„ ...	258	95	...	...	3¼	1⅞	1¾	1⅝	⅞	1¼	2⅛	⅞	3⅛	3⅝
18	„ ...	258	90	...	...	3¼	1⅞	1¾	1⅝	⅞	1¼	2⅛	⅞	3⅛	3½
19	„ ...	258	85	...	...	3¼	1⅞	1¾	1⅝	⅞	1¼	2⅛	⅞	3⅛	3½
				...	...										
20	„ ...	258	80	...	...	3¼	1⅞	1¾	1⅝	⅞	1¼	2⅛	⅞	3¼	3½
21	„ ...	258	80	...	...	3¼	1⅞	1¾	1⅝	⅞	1¼	2⅛	⅞	3¼	3½
22	„ ...	258	75	...	...	3¼	1⅞	1¾	1⅝	⅞	1¼	2⅛	⅞	3¼	3½
23	„ ...	258	70	...	...	3¼	1⅞	1¾	1⅝	⅞	1¼	2⅛	⅞	3¼	3½
24	„ ...	258	65	...	...	3¼	1⅞	1¾	1⅝	⅞	1¼	2⅛	⅞	3⅜	3⅝
25	„ ...	258	60	...	...	3¼	1⅞	1¾	1⅝	⅞	1¼	2⅛	⅞	3⅜	3⅝
26	„ ...	258	60	...	...	3¼	1⅞	1¾	1⅝	⅞	1¼	2⅛	⅞	3⅜	3⅝
				...	...										
27	„ ...	258	55	...	...	3¼	1⅞	1¾	1⅝	⅞	1⅛	2	⅞	3⅛	3¼
28	„ ...	258	50	...	...	3¼	1⅞	1¾	1⅝	⅞	1⅛	2	⅞	3⅛	3¼
29	„ ...	258	50	...	...	3¼	1⅞	1¾	1⅝	⅞	1⅛	2	⅞	3⅛	3¼
30	„ ...	258	45	...	...	3¼	1⅞	1¾	1⅝	⅞	1⅛	2	⅞	3⅛	3¼
31	„ ...	258	40	...	...	3¼	1⅞	1¾	1⅝	⅞	1⅛	2	⅞	3⅛	3¼
	Carried over ...			...	...										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

	Date 1896.	Height of water. Feet.	Height of water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge, Inches.	No. 2 Dam Gauge, Inches.	No. 3 Dam Gauge, (1) Inches.	No. 3 Dam Gauge, (2) Inches.	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
	Brought forward...			...	...										
1	February ...	258	35	...	...	3¼	1 7/8	1¾	1½	⅞	1⅛	2	⅞	3⅛	3¼
2	,, ...	258	30	...	...	3¼	1⅞	1¾	1½	⅞	⅛	2	⅞	3⅛	3¼
				...	...										
3	,, ...	258	30	...	...	3⅛	1¾	1¾	1⅜	¾	⅛	1⅞	¾	3⅛	3⅛
4	,, ...	258	25	...	...	3⅛	1¾	1¾	1⅜	¾	1	1⅞	¾	3	3⅛
5	,, ...	258	20	...	...	3	1¾	1¾	1⅜	¾	1	1¾	¾	3	3⅛
6	,, ...	258	15	...	...	3⅛	1¾	1¾	1⅜	¾	1	1¾	¾	3	3⅛
7	,, ...	258	10	...	...	3	1¾	1¾	1⅜	¾	1	1¾	¾	3	3⅛
8	,, ...	258	10	...	...	3	1¾	1¾	1⅜	¾	1	1¾	¾	3	3⅛
9	,, ...	258	05	...	...	3	1¾	1¾	1⅜	¾	1	1¾	¾	3	3⅛
				...	...										
10	,, ...	258	00	...	...	3	1⅝	1⅝	1⅜	¾	1	1¾	⅝	3	3⅛
11	,, ...	258	00	...	...	3	1⅝	1⅝	1⅜	¾	1	1⅝	⅝	2 7/8	3⅛
12	,, ...	257	95	...	...	3	1⅝	1⅝	1⅜	¾	1	1⅝	⅝	2¾	3⅛
13	,, ...	257	90	...	...	3	1½	1½	1⅜	¾	1	1⅝	⅝	2¾	3⅛
14	,, ...	257	85	...	...	3	1½	1½	1⅜	¾	1	1⅝	⅝	2¾	3⅛
15	,, ...	257	80	...	...	3	1½	1½	1⅜	¾	1	1⅝	⅝	2¾	3⅛
16	,, ...	257	75	...	...	3	1½	1½	1⅜	¾	1	1⅝	⅝	2¾	3⅛
				...	...										
17	,, ...	257	70	...	...	3	1½	1⅜	1¼	¾	1	1⅝	⅝	2⅝	3⅛
18	,, ...	257	65	...	...	3	1½	1⅜	1¼	¾	1	1⅝	⅝	2⅝	3
19	,, ...	257	60	...	...	3	1⅜	1⅜	1¼	¾	1	1⅝	⅝	2⅝	3
20	,, ...	257	55	...	...	3	1⅜	1¼	1⅛	¾	1	1⅝	⅝	2⅝	3
21	,, ...	257	50	...	...	3	1½	1¼	1⅛	¾	1	1⅝	⅝	2⅝	3
22	,, ...	257	50	...	...	3	1⅜	1¼	1	¾	1	1⅝	⅝	2¾	2 7/8
23	,, ...	257	45	...	...	3	1⅜	1¼	1	¾	1	1⅝	⅝	2¾	2⅞
				...	...										
24	,, ..	257	40	...	...	3	1⅜	1⅛	1	⅝	⅞	1⅝	⅝	2⅝	2¾
25	,, ...	257	35	...	...	3	1⅜	1¼	1	⅝	⅞	1⅝	⅝	2⅝	2¾
26	,, ...	257	30	...	...	3	1⅜	1¼	1	⅝	⅞	1⅝	⅝	2⅝	2⅝
27	,, ...	257	25	...	...	2 7/8	1⅜	1¼	1	⅝	⅞	1⅝	⅝	2⅝	2⅝
28	,, ...	257	20	...	...	2¾	1⅜	1¼	1	⅝	⅞	1⅝	⅝	2⅝	2⅝
29	,, ...	257	15	...	...	2 7/8	1¼	1¼	1	⅝	¾	1¼	⅝	2¼	2½
	Carried over...			...	...										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1896.	Height of water. Feet.	Cents.	Rainfall. Inches.	Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge (1) Inches.	No. 3 Dam Gauge (2) Inches.	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
Brought forward...			...	...										
1 March ...	257	10	...	...	2 1/8	1 1/4	1 1/4	1	5/8	3/4	1 1/4	5/8	2 1/4	2 1/2
			...	...										
2 „ ...	257	05	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	1 1/4	5/8	2 1/8	2 3/8
3 „ ...	257	00	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	1 1/4	5/8	2 1/8	2 1/4
4 „ ...	256	95	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	1 1/4	5/8	2	2 1/8
5 „ ...	256	95	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	1 1/4	5/8	2	2 1/8
6 „ ...	256	90	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	1 1/4	5/8	2	2 1/8
7 „ ...	256	90	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	1 1/8	5/8	1 7/8	2
8 „ ...	256	85	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	1	5/8	1 7/8	2 7/8
			...	...										
9 „ ...	256	80	...	...	2 5/8	1 1/4	1 1/8	1	5/8	3/4	1	5/8	1 7/8	1 7/8
10 „ ...	256	75	...	...	2 5/8	1 1/4	1 1/8	1	5/8	3/4	1	5/8	1 7/8	1 7/8
11 „ ...	256	75	...	...	2 5/8	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 3/4	1 3/4
12 „ ...	256	70	...	...	2 5/8	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 3/4	1 3/4
13 „ ...	256	65	...	...	2 5/8	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 3/4	1 3/4
14 „ ...	256	60	...	...	2 5/8	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 3/4	1 3/4
15 „ ...	256	55	...	...	2 5/8	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 3/4	1 3/4
			...	...										
16 „ ...	256	55	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 7/8	1 7/8
17 „ ...	256	50	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 7/8	1 7/8
18 „ ...	256	45	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 7/8	1 7/8
19 „ ...	256	40	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 7/8	1 7/8
20 „ ...	256	35	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 7/8	1 7/8
21 „ ...	256	30	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 7/8	1 7/8
22 „ ...	256	25	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 7/8	1 7/8
			...	...										
23 „ ...	256	25	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 1/4	1 1/4
24 „ ...	256	15	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 1/4	1 1/4
25 „ ...	256	10	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 1/4	1 1/4
26 „ ...	256	05	...	...	2 3/4	1 1/4	1 1/8	1	5/8	3/4	7/8	5/8	1 1/4	1 1/4
27 „ ...	256	00	...	...	2 3/4	1 1/8	1	7/8	5/8	3/4	7/8	5/8	1 1/4	1 1/4
28 „ ...	255	95	...	...	2 5/8	1 1/8	1	7/8	5/8	3/4	7/8	5/8	1 1/4	1 1/4
29 „ ...	255	90	...	...	2 5/8	1 1/8	1	7/8	5/8	3/4	7/8	5/8	1 1/4	1 1/4
			...	...										
30 „ ...	255	85	...	...	2 1/2	1 1/8	1	7/8	5/8	3/4	7/8	5/8	1 1/4	1 1/4
31 „ ...	255	80	...	...	2 1/2	1 1/8	1	7/8	5/8	3/4	7/8	5/8	1 1/4	1 1/8
Carried over...			...	...										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1896.	Height of water. Feet.	Height of water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
Brought forward...			...	...										
1 April ...	255	75	...	...	2½	1⅛	1						1½	1½
2 „ ...	255	75	...	...	2½	1⅛	1						1⅛	1⅛
3 „ ...	255	70	...	...	2½	1⅛	1						1	1
4 „ ...	255	65	...	...	2½	1⅛	1							
5 „ ...	255	65	...	...	2½	1⅛	1							
			...	...										
6 „ ...	255	60	...	...	2½	1⅛	1							
7 „ ...	255	55	...	...	2½	1⅛	1							
8 „ ...	255	50	...	...	2½	1⅛	1							
9 „ ...	255	45	...	...	2½	1⅛	1							
10 „ ...	255	40	...	...	2½	1	1							
11 „ ...	255	35	...	...	2½	1	1							
12 „ ...	255	30	...	...	2½	1	1							
			...	...										
13 „ ...	255	20	...	...	2½	1	1							
14 „ ...	255	15	...	...	2½	1	1							
15 „ ...	255	10	...	...	2½	1	1							
16 „ ...	255	05	...	...	2½	1	1							
17 „ ...	255	00	..	...	2½	1	1							
18 „ ...	254	95	..	...	2½	1	1							
19 „ ...	254	90	...	...	2½	1	1							
			...	...										
20 „ ...	254	85	...	...	2⅜	1	1							
21 „ ...	254	80	...	...	2⅜	1	1							
22 „ ...	254	75	...	...	2⅜	1	1							
23 „ ...	254	70	...	...	2⅜	1	1							
24 „ ...	254	65	...	...	2⅜	1	1							
25 „ ...	254	60	...	...	2⅜	1	1							
26 „ ...	254	45	...	...	2⅜	1	1							
			...	...										
27 „ ...	254	45	...	...	2⅜	1	1							
28 „ ...	254	40	...	...	2⅜	1	1							
29 „ ...	254	40	...	...	2⅜	1	1							
30 „ ...	254	35	...	...	2⅜	1	1							
Carried over...			...	...										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1896.		Height of water.		Rainfall.		No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain.					Waste Weir Old Gauge in Inches.
		Feet.	Cents.	Inches.	Cents.					No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	
	Brought forward...			...	...										
1	May ...	254	30	...	...	2 3/8	1	1	7/8	1/8		1/8			
2	„ ...	254	25	...	...	2 3/8	1	1	7/8	1/8		1/8			
3	„ ...	254	25	...	...	2 3/8	1	1	7/8	1/8		1/8			
				...	...										
4	„ ...	254	20	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	
5	„ ...	254	20	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	
6	„ ...	254	15	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	
7	„ ...	254	10	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	
8	„ ...	254	05	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	
9	„ ...	254	00	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	0
10	„ ...	253	95	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	0
				...	...										
11	„ ...	253	90	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	0
12	„ ...	253	85	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	0
13	„ ...	253	80	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	0
14	„ ...	253	75	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	0
15	„ ...	253	70	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	0
16	„ ...	253	65	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	0
17	„ ...	253	60	...	...	2 3/8	1	1	7/8	1/8	1/8	1/8	1/8	1/8	0
				...	...										
18	„ ...	253	55	...	...	2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
19	„ ...	253	50	...	...	2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
20	„ ...	253	45	...	...	2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
21	„ ...	253	40	...	...	2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
22	„ ...	253	35	...	...	2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
23	„ ...	253	30	...	...	2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
24	„ ...	253	25	...	...	2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
				...	...										
25	„ ...	253	25	...	...	2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
26	„ ...	253	15	...	...	2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
27	„ ...	253	10	...	...	2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
28	„ ...	253	10	...	...	2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
29	„ ...	253	10	1	38	2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
30	„ ...	253	10	...	...	2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
31	„ ...	253	05			2 3/8	1	1	7/8	0	1/8	1/8	1/8	1/8	0
	Carried over...			1	38										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1896.		Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
	Brought forward..			1	38										
1	June ...	253	00	...	37	...	...	...	...	...	...	...	...	...	...
2	,, ...	253	00	...	...	...	...	...	...	...	...	...	...	...	...
3	,, ...	253	00	...	49	...	...	...	...	...	...	...	...	...	...
4	,, ...	252	95	...	09	...	...	...	...	...	...	...	...	...	...
5	,, ...	252	90	...	13	...	...	...	...	...	...	...	...	...	...
6	,, ...	252	90	...	26	...	...	...	...	...	...	...	...	...	...
7	,, ...	252	85	...	19	...	...	...	...	...	...	...	...	...	...
				1	53										
8	,, ...	252	85	....	...	...	...	...	...	...	...	...	...	...	...
9	,, ...	252	80	...	44	...	...	...	...	...	...	...	...	...	...
10	,, ...	252	75	...	...	...	...	...	...	...	...	...	...	...	...
11	,, ...	252	75	1	98	...	...	...	...	...	...	...	...	...	...
12	,, ...	252	80	...	...	...	...	...	...	...	...	...	...	...	...
13	,, ...	252	80	...	...	...	...	...	...	...	...	...	...	...	...
14	,, ...	252	75	3	32	...	...	...	...	...	...	...	...	...	...
				5	74										
15	,, ...	252	75	...	09	...	...	...	...	...	...	...	...	...	...
16	,, ...	252	70	...	05	...	...	...	...	...	...	...	...	...	...
17	,, ...	252	70	...	40	...	...	...	...	...	...	...	...	...	...
18	,, ...	253	00	2	72	...	...	...	...	...	...	...	...	...	...
19	,, ...	253	25	1	62	...	...	...	...	...	...	...	...	...	...
20	,, ...	253	40	2	65	...	...	...	...	...	...	...	...	...	...
21	,, ...	253	75	7	43	...	...	...	...	...	...	...	...	...	...
				14	96										
22	,, ...	255	25	1	59	5¾	12	...	...	1	1	7	3	3	...
23	,, ...	255	80	...	39	1	6	...	...	1	1	7	3	3	...
24	,, ...	255	85	...	...	...	¾	...	...	1	1	7	3	3	...
25	,, ...	255	85	...	33	...	1	...	...	1	1	7	3	3	...
26	,, ...	255	90	...	14	...	½	...	...	1	1	7	3	3	...
27	,, ...	255	85	...	28	...	...	...	...	1	1	7	3	3	...
28	,, ...	255	85	...	29	...	...	...	...	1	1	7	3	3	...
				3	02										
29	,, ...	255	85	...	...	...	...	...	...	1	1	7	3	3	...
30	,, ...	255	85	...	35	...	...	...	...	1	1	7	3	3	...
	Carried over...			26	63										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1896.		Height of Water.		Rainfall.		No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain.					Waste Weir Old Gauge in Inches.
		Feet.	Cents.	Inches.	Cents.					No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	
	Brought forward...			26	63										
1	July ...	255	85	1	14	...	½	...	...	1	1	⅞	⅞	3	...
2	„ ...	255	85	...	45	...	1	...	...	1	1	⅞	⅞	3	...
3	„ ...	255	90	...	62	...	1¼	...	...	1	1	⅞	⅞	3	...
4	„ ...	255	95	1	47	...	1½	...	...	1	1	⅞	⅞	3	...
5	„ ...	256	20	...	09	...	4½	...	...	1	1	⅞	⅞	3	...
				4	12										
6	„ ...	256	20	...	37	...	1½	...	...	1	1	⅞	⅞	3	...
7	„ ...	256	25	...	35	...	1½	...	...	1	1	⅞	⅞	3	...
8	„ ...	256	30	...	15	...	2	...	...	1	1	⅞	⅞	3	...
9	„ ...	256	30	...	11	...	1	...	...	1	1	⅞	⅞	3	...
10	„ ...	256	30	3	09	...	½	...	...	1	1	⅞	⅞	3	...
11	„ ...	256	80	1	47	1⅛	9	...	...	1	1	⅞	⅞	3	...
12	„ ...	257	05	...	50	1⅛	6	...	...	1⅛	1⅛	1	⅞	3¼	...
				6	04										
13	„ ...	257	15	6	18	...	4	...	...	1⅛	1⅛	1	⅞	¾	...
14	„ ...	258	30	9	78	1'6"	3	...	...	1½	1½	1½	1⅛	3½	...
15	„ ...	260	75	...	52	1'8"	3'-8"	...	...	2¼	2	3½	2⅛	7¼	...
16	„ ...	261	05	...	10	2¾	5½	...	...	2¼	2	3½	2⅛	7¼	...
17	„ ...	261	05	...	49	...	3	...	...	2¼	2	3½	2⅛	7¼	...
18	„ ...	261	25	1	08	...	4	...	...	2¼	2	3½	2⅛	7¼	...
19	„ ...	261	40	1	43	...	4⅝	...	...	2¼	2	3½	2⅛	7¼	...
				19	58										
20	„ ...	261	70	1	95	...	5	...	...	2½	2⅝	5⅝	2⅝	8½	...
21	„ ...	262	10	1	83	...	8	...	...	2½	2⅝	5⅝	2⅝	8½	...
22	„ ...	262	60	...	67	1	8	...	...	3	3	5⅞	3	9	...
23	„ ...	262	80	2	42	½	7	...	...	3½	3½	6	3¼	10½	...
24	„ ...	263	30	6	20	6	9	...	...	3¾	4	6½	3½	11	...
25	„ ...	264	50	1	09	...	...	...	...	...	...	...	...	...	...
26	„ ...	264	20	...	50	...	...	...	...	...	...	...	...	...	...
				14	66										
27	„ ...	263	90	...	67	1½	5½	...	...	...	...	...	...	...	...
28	„ ...	263	70	...	80	⅝	4	...	...	...	...	...	...	...	...
29	„ ...	264	15	...	77	5½	10½	...	...	...	...	...	...	...	...
30	„ ...	264	70	...	66	3½	8	...	...	...	...	...	...	...	...
31	„ ...	264	80	...	83	4	8½	...	...	...	...	...	...	...	...
	Carried over...			71	03										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1896.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
Brought forward ...			71	03										
1 August ...	264	15	...	95	1	2½	...	...	...	...	...	...	...	...
2 „ ...	263	95	...	68	1	2½	...	...	...	...	...	...	...	...
			5	38										
3 „ ...	263	85	1	42	1	2	...	...	...	...	...	...	...	...
4 „ ...	263	85	1	91	4	8	...	...	...	...	...	...	...	...
5 „ ...	264	00	...	16	1½	3	...	...	...	...	...	...	...	...
6 „ ...	263	85	...	72	1	2	...	...	...	...	...	...	...	...
7 „ ...	263	75	2	46	½	2	...	...	...	...	...	...	...	...
8 „ ...	264	00	1	53	4½	9½	...	...	...	...	...	...	...	...
9 „ ...	263	95	2	48	3	5¼	...	...	...	...	...	...	...	...
			10	68										
10 „ ...	264	10	4	72	4½	8	...	...	...	...	...	...	...	...
11 „ ...	264	35	2	70	2⅔	10¼	...	...	...	...	...	...	...	...
12 „ ...	264	35	...	74	3	8	...	...	...	...	...	...	...	...
13 „ ...	263	95	...	84	3⅜	5¼	...	...	...	...	...	...	...	...
14 „ ...	263	95	2	02	1	4	...	...	...	...	...	...	...	...
15 „ ...	264	25	4	85	4½	10¼	...	...	...	...	...	...	...	...
16 „ ...	264	30	1	46	2	9	...	...	...	...	...	...	...	...
			17	33										
17 „ ...	264	10	...	73	⅛	7¼	...	...	...	...	...	...	...	...
18 „ ...	263	85	...	06	⅛	3	...	...	...	...	...	...	...	...
19 „ ...	263	75	...	37	...	2	...	...	...	...	...	...	...	...
20 „ ...	263	75	...	28	...	2	...	...	...	...	...	...	...	...
21 „ ...	263	70	...	08	...	1	...	...	...	...	...	...	...	...
22 „ ...	263	65	...	22	...	1	...	...	...	...	...	...	...	...
23 „ ...	263	65	...	43	...	¾	...	...	...	...	...	...	...	...
			2	17										
24 „ ...	263	60	...	10	...	½	...	...	...	...	...	...	...	...
25 „ ...	263	55	...	...	...	½	...	...	...	...	...	...	...	...
26 „ ...	263	55	...	...	...	...	...	...	...	...	...	...	...	...
27 „ ...	263	55	...	...	...	...	...	...	...	...	...	...	...	...
28 „ ...	263	50	...	16	...	...	...	...	...	...	...	...	...	...
29 „ ...	263	45	...	11	...	...	...	...	...	...	...	...	...	...
30 „ ...	263	45	...	04	...	...	...	...	...	...	...	...	...	...
			...	41										
31 „ ...	263	40	...	...	...	...	...	...	...	...	...	...	...	...
Carried over...			107	00										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1896.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
Brought forward...			107	00										
1 September...	263	40	...	02	...	...	...	...	...	...	...	...	...	...
2 „ ...	263	35	...	08	...	...	...	...	...	...	...	...	...	...
3 „ ...	263	35	...	...	...	...	...	...	...	...	...	...	...	...
4 „ ...	263	30	...	...	...	...	...	...	...	...	...	...	...	...
5 „ ...	263	25	...	...	...	...	...	...	...	...	...	...	...	...
6 „ ...	263	20	...	...	...	...	...	...	...	...	...	...	...	...
			...	10										
7 „ ...	263	15	...	...	...	...	...	...	...	...	...	...	...	...
8 „ ...	263	15	...	18	...	...	...	...	3 3/4	4 1/4	7	3 3/8	10 1/8	...
9 „ ...	263	15	...	...	...	...	...	...	3 3/8	4	7	3 1/4	10 3/8	...
10 „ ...	263	05	...	...	...	...	...	...	3 1/8	3 7/8	6 1/8	3 1/8	10 1/2	...
11 „ ...	263	00	...	35	...	...	...	...	3 1/2	3 7/8	6 3/8	3 1/8	10 1/2	...
12 „ ...	263	00	...	...	...	...	...	...	3 3/8	3 3/4	6 1/4	3	10 1/4	...
13 „ ...	263	00	...	23	...	...	...	...	3 3/8	3 3/4	6 3/4	3	10 1/4	...
			...	76										
14 „ ...	262	95	...	52	...	...	...	...	3 3/8	3 3/4	6 3/4	3	10	...
15 „ ...	262	95	...	...	...	...	...	...	3 3/8	3 3/4	6 3/4	3	10 1/4	...
16 „ ...	262	90	...	...	...	...	...	...	3 3/8	3 3/4	6 3/4	3	10 1/4	...
17 „ ...	262	90	...	...	...	...	...	...	3 3/8	3 3/4	6 3/4	3	10 1/4	...
18 „ ...	262	85	...	10	...	...	...	...	3 1/4	3 3/4	6 7/8	2 7/8	10 1/4	...
19 „ ...	262	80	...	05	...	...	...	...	3 1/4	3 3/4	6 5/8	2 7/8	10 1/4	...
20 „ ...	262	75	...	...	...	...	...	...	3 1/4	3 3/4	6 3/4	2 7/8	10 1/4	...
			...	67										
21 „ ...	262	70	...	...	...	...	...	...	3 1/8	3 5/8	6 1/2	2 7/8	10	...
22 „ ...	262	70	...	...	...	...	...	...	3 1/8	3 5/8	6 1/2	2 7/8	10	...
23 „ ...	262	65	...	...	...	...	...	...	3 1/8	3 5/8	6 1/2	2 7/8	10	...
24 „ ...	262	60	...	...	...	...	...	...	3 1/8	3 5/8	6 1/2	2 7/8	10	...
25 „ ...	262	55	...	...	...	...	...	...	3 1/8	3 5/8	6 1/2	2 7/8	10	...
26 „ ...	262	50	...	06	...	...	...	...	3 1/8	3 5/8	6 1/2	2 7/8	10	...
27 „ ...	262	50	...	...	...	...	...	...	3	3 1/2	6 1/4	2 3/4	9 1/2	...
			...	06										
28 „ ...	262	45	...	...	...	...	...	...	2 7/8	3 3/8	6 1/8	2 5/8	9 1/4	...
29 „ ...	262	40	...	...	...	...	...	...	2 7/8	3 1/8	6	2 5/8	9	...
30 „ ...	262	35	...	...	...	...	...	...	2 3/4	3 1/8	5 3/4	2 5/8	8 3/4	...
Carried over ...			108	59										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1896.		Height of Water.		Rainfall.		No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain.					Waste Weir Old Gauge in Inches.
										No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	
		Feet.	Cens.	Inches.	Cents.					Inches.	Inches.	Inches.	Inches.	Inches.	
	Brought forward...			108	59										
1	October ...	262	30	...	...	...	...	...	...	2¾	3	5⅝	2⅜	8⅝	...
2	„ ...	262	25	...	...	...	...	...	...	2⅝	3	5⅝	2¼	8½	...
3	„ ...	262	20	...	...	...	...	...	...	2⅝	3	5½	2¼	8½	...
4	„ ...	262	15	...	...	...	...	...	...	2½	2⅞	5⅜	2⅛	8¼	...
				...	...										
5	„ ...	262	10	...	...	...	...	...	...	2½	2⅞	5⅜	2⅛	8¼	...
6	„ ...	262	05	...	...	...	...	...	...	2⅜	2¾	5¼	2	8	...
7	„ ...	262	00	...	...	...	...	...	...	2⅜	2⅝	5	2	7⅞	...
8	„ ...	261	95	...	...	...	...	...	...	2⅜	2⅝	5	2	7⅞	...
9	„ ...	261	95	...	...	...	...	...	...	2⅜	2½	4¾	2	7¾	...
10	„ ...	261	90	...	...	...	...	...	...	2⅜	2½	4⅝	2	7⅝	...
11	„ ...	261	85	...	...	...	...	...	...	2¼	2½	4⅝	2	7½	...
				...	...										
12	„ ...	261	85	...	...	...	...	...	...	2¼	2½	4⅝	2	7½	...
13	„ ...	261	80	...	...	...	...	...	...	2⅛	2⅜	4½	2	7¾	...
14	„ ...	261	75	...	...	...	...	...	...	2⅛	2⅜	4½	2	7⅛	...
15	„ ...	261	70	...	...	...	...	...	...	2⅛	2⅜	4½	2	7⅛	...
16	„ ...	261	65	...	...	...	...	...	...	2⅛	2¼	4⅜	2	7	...
17	„ ...	261	60	...	...	...	...	...	...	1⅞	2⅛	4¼	2	6¾	...
18	„ ...	261	55	...	...	...	...	...	...	1⅞	2	4	2	6½	...
				...	...										
19	„ ...	261	50	...	...	...	...	...	...	1¾	1⅞	3⅞	1⅞	6¼	...
20	„ ...	261	45	...	...	...	...	...	...	1¾	1⅞	3⅞	1⅞	6¼	...
21	„ ...	261	40	...	...	...	...	...	...	1⅝	1⅞	3¾	1⅞	6	...
22	„ ...	261	35	...	...	...	...	...	...	1⅝	1⅞	3¾	1⅞	6	...
23	„ ...	261	35	...	...	...	...	...	...	1⅝	1⅞	3⅝	1¾	5¾	...
24	„ ...	261	30	...	...	...	...	...	...	1⅝	1⅞	3⅝	1¾	5⅝	...
25	„ ...	261	25	...	...	...	...	...	...	1⅝	1⅞	3⅝	1¾	5½	...
				...	...										
26	„ ...	261	20	...	...	...	...	...	...	1½	1¾	3½	1⅝	5½	...
27	„ ...	261	15	...	...	...	...	...	...	1½	1¾	3⅜	1⅝	5¼	...
28	„ ...	261	10	...	...	...	...	...	...	1½	1¾	3¼	1⅝	5⅛	...
29	„ ...	261	05	...	...	...	...	...	...	1⅜	1¾	3¼	1⅝	5⅛	...
30	„ ...	261	00	...	...	...	...	...	...	1⅜	1⅝	3¼	1½	5	...
31	„ ...	260	95	...	...	...	...	...	...	1¼	1⅝	3⅛	1½	4⅞	...
	Carried over...			108	59										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1896.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
Brought forward...			108	59										
1 November ...	260	90	...	...	4	2½	...	1½	1½	1¾	3⅜	1⅝	5½	...
			...	...										
2 „ ...	260	85	...	...	4	2⅜	1½	1½	1¼	1⅝	3⅛	1½	4⅞	...
3 „ ...	260	80	...	...	4	2¼	1½	1½	1¼	1⅝	3	1⅜	4⅞	5¼
4 „ ...	260	75	...	...	4	2½	1½	1½	1¼	1⅝	3	1⅜	4⅞	5¼
5 „ ...	260	70	...	...	4	2½	1½	1½	1¼	1⅝	3	1⅜	4¾	5¼
6 „ ...	260	65	...	...	4	2½	1½	1½	1¼	1⅝	3	1⅜	4¾	5⅛
7 „ ...	260	60	...	...	3⅞	2½	1½	1½	1⅛	1⅝	2⅞	1⅜	4⅝	5
8 „ ...	260	60	...	...	3⅞	2½	1½	1½	1⅛	1⅝	2⅞	1⅜	4⅝	4⅞
			...	...										
9 „ ...	260	55	...	...	3⅞	2⅜	1½	1⅜	1⅛	1⅝	2¾	1⅜	4½	4⅞
10 „ ...	260	50	...	...	3⅞	2⅜	1½	1⅜	1⅛	1⅝	2¾	1¼	4⅜	4⅞
11 „ ...	260	45	...	...	3⅞	2⅜	1½	1⅜	1⅛	1⅝	2¾	1¼	4⅜	4⅞
12 „ ...	260	40	...	...	3⅞	2⅜	1½	1⅜	1⅛	1⅝	2¾	1¼	4¼	4¾
13 „ ...	260	35	...	...	3¾	2¼	1½	1⅜	1⅛	1⅝	2⅝	1⅛	4¼	4¾
14 „ ...	260	30	...	...	3¾	2⅛	1½	1⅜	1⅛	1⅝	2⅝	1⅛	4⅛	4⅝
15 „ ...	260	25	...	...	3¾	2⅛	1½	1⅜	1⅛	1⅝	2⅝	1⅛	4⅛	4⅝
			...	...										
16 „ ...	260	20	...	...	3¾	2⅛	1½	1⅜	1⅛	1½	2½	1⅛	4	4½
17 „ ...	260	15	...	...	3¾	2⅛	1½	1⅜	1⅛	1½	2½	1⅛	4	4½
18 „ ...	260	10	...	...	3¾	2⅛	1½	1⅜	1⅛	1½	2½	1⅛	4	4½
19 „ ...	260	05	...	...	3¾	2⅛	1½	1⅜	1⅛	1½	2½	1⅛	4	4½
20 „ ...	260	00	...	25	3¾	2⅛	1½	1⅜	1⅛	1½	2½	1⅛	4	4½
21 „ ...	260	00	...	97	3¾	2⅛	1½	1⅜	1⅛	1½	2½	1⅛	4	4½
22 „ ...	259	95	...	...	3¾	2⅛	1½	1⅜	1⅛	1½	2½	1⅛	4	4½
			1	22										
23 „ ...	259	95	...	...	3⅝	2⅛	1½	1⅜	1⅛	1½	2½	1	3⅞	4⅜
24 „ ...	259	90	...	...	3⅝	2⅛	1½	1⅜	1⅛	1½	2⅜	1	3⅞	4¼
25 „ ...	259	90	...	...	3⅝	2⅛	1½	1⅜	1⅛	1½	2⅜	1	3⅞	4¼
26 „ ...	259	85	...	...	3⅝	2⅛	1½	1⅜	1⅛	1½	2⅜	1	3⅞	4¼
27 „ ...	259	80	...	...	3⅝	2⅛	1½	1⅜	1⅛	1½	2⅜	1	3⅞	4¼
28 „ ...	259	80	...	...	3⅝	2⅛	1½	1⅜	1⅛	1½	2⅜	1	3⅞	4⅛
29 „ ...	259	75	...	...	3⅝	2⅛	1½	1⅜	1⅛	1½	2⅜	1	3⅞	4⅛
30 „ ...	259	70	...	...	3⅝	2⅛	1½	1⅜	1⅛	1½	2⅜	1	3⅞	4⅛
Carried over ...			109	81										

TABLE No. 2—*concld.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1836.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
Brought forward...			109	81										
1 December ...	259	65	...	...	3 1/8	2 1/8	1 1/2	1 1/8	1	1 1/2	2 3/8	1	3 1/4	4 1/8
2 „ ...	259	65	...	...	3 1/8	2	1 1/2	1 1/8	1	1 1/2	2 3/8	1	3 1/4	4 1/8
3 „ ...	259	60	...	...	3 1/8	2	1 1/2	1 1/8	1	1 1/2	2 3/8	1	3 1/4	4 1/8
4 „ ...	259	55	...	...	3 1/8	2	1 1/2	1 1/8	1	1 1/2	2 3/8	1	3 1/4	4
5 „ ...	259	50	...	...	3 1/8	2	1 1/2	1 1/8	1	1 1/2	2 3/8	1	3 1/4	4
6 „ ...	259	45	...	...	3 1/8	2	1 1/2	1 1/8	1	1 1/2	2 3/8	1	3 1/4	4
			...	...										
7 „ ...	259	40	...	...	3 1/8	2	1 1/2	1 1/8	1	1 1/4	2 1/4	1	3 1/4	4
8 „ ...	259	40	...	...	3 1/8	2	1 1/2	1 1/8	1	1 1/4	2 1/4	1	3 1/4	4
9 „ ...	259	35	...	...	3 1/8	2	1 1/2	1 1/4	1	1 1/4	2 1/4	1	3 1/4	4
10 „ ...	259	30	...	...	3 1/8	1 7/8	1 1/2	1 1/8	7/8	1 1/4	2 1/8	7/8	3 1/4	4
11 „ ...	259	25	...	...	3 1/8	1 7/8	1 1/2	1 1/8	7/8	1 1/4	2 1/8	7/8	3 1/4	4
12 „ ...	259	20	...	...	3 1/8	1 7/8	1 1/2	1	7/8	1 1/4	2 1/8	7/8	3 1/4	4
13 „ ...	259	15	...	...	3 1/8	1 7/8	1 1/2	1	7/8	1 1/4	2	7/8	3 1/8	4
			...	...										
14 „ ...	259	10	...	...	3 1/8	1 7/8	1 1/2	1	7/8	1 1/4	2	3/4	3 1/8	4
15 „ ...	259	05	...	...	3 1/8	1 7/8	1 1/2	1	7/8	1 1/4	2	3/4	3 1/8	4
16 „ ...	259	00	...	...	3 1/8	1 7/8	1 1/2	1	7/8	1 1/8	2	3/4	3 1/4	4
17 „ ...	259	00	...	...	3 1/8	1 7/8	1 1/2	1	7/8	1 1/8	2	3/4	3 1/4	4
18 „ ...	258	95	...	...	3 1/8	1 7/8	1 1/2	1	7/8	1 1/8	2	3/4	3 1/4	3 7/8
19 „ ...	258	90	...	...	3 1/8	1 7/8	1 1/2	1	7/8	1 1/8	2	3/4	3 1/4	3 7/8
20 „ ...	258	85	...	...	3 1/8	1 7/8	1 1/2	1	7/8	1 1/8	2	3/4	3 1/4	3 7/8
			...	...										
21 „ ...	258	80	...	...	3 1/8	1 7/8	1 1/2	1	7/8	1 1/8	1 7/8	3/4	3 1/8	3 7/8
22 „ ...	258	75	...	...	3 1/8	1 3/4	1 1/2	1	7/8	1 1/8	1 7/8	3/4	3 1/8	3 3/4
23 „ ...	258	70	...	...	3 1/4	1 5/8	1 1/2	1	7/8	1 1/8	1 7/8	3/4	3 1/8	3 5/8
24 „ ...	258	65	...	...	3 1/4	1 5/8	1 1/2	1	7/8	1 1/8	1 7/8	3/4	3 1/8	3 5/8
25 „ ...	258	60	...	...	3 1/4	1 5/8	1 1/2	1	7/8	1 1/8	1 7/8	3/4	3 1/8	3 5/8
26 „ ...	258	55	...	...	3 1/4	1 1/2	1 1/2	1	7/8	1 1/8	1 7/8	3/4	3 1/8	3 5/8
27 „ ...	258	50	...	...	3 1/8	1 1/2	1 1/2	1	7/8	1 1/8	1 7/8	3/4	3 1/8	3 5/8
			...	...										
28 „ ...	258	45	...	...	3	1 3/8	1 3/8	1	7/8	1	1 3/4	3/4	3	3 5/8
29 „ ...	258	40	...	...	2 7/8	1 3/8	1 3/8	1	7/8	1	1 3/4	3/4	3	3 5/8
30 „ ...	258	35	...	...	2 7/8	1 3/8	1 3/8	1	7/8	1	1 3/4	3/4	3	3 5/8
31 „ ...	258	30	...	...	2 7/8	1 3/8	1 3/8	1	7/8	1	1 3/4	3/4	3	3 5/8
			...	...										
Total Rainfall...			109	81										

TABLE No. 3.

279. Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1896.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Dam Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
1 Jan....	449	95	...	...	2½	¼	2⅞
2 „ ...	449	90	...	...	2½	¼	2⅞
3 „ ...	449	85	...	...	2½	⅛	2⅞
4 „ ...	449	80	...	...	2½	⅛	2⅞
5 „ ...	449	70	...	...	2½	⅛	2⅞
			...	...			
6 „ ...	449	65	...	...	2½	⅛	2⅞
7 „ ...	449	60	...	...	2½	⅛	2⅞
8 „ ...	449	50	...	...	2½	⅛	2⅞
9 „ ...	449	40	...	...	2½	⅛	2⅞
10 „ ...	449	35	...	...	2½	...	2⅞
11 „ ...	449	25	...	...	2½	...	2⅞
12 „ ...	449	20	...	...	2½	...	2⅞
			...	...			
13 „ ...	449	10	...	...	2½	...	2⅞
14 „ ...	449	05	...	...	2½	...	2⅞
15 „ ...	449	00	...	...	2½	...	2⅞
16 „ ...	448	90	...	...	2½	...	2¾
17 „ ...	448	85	...	...	2½	..	2¾
18 „ ...	448	80	...	...	2½	...	2¾
19 „ ...	448	70	...	...	2½	...	2¾
			...	...			
20 „ ...	448	60	...	...	2½	...	2¾
21 „ ...	448	55	...	...	2½	...	2¾
22 „ ...	448	50	...	...	2½	...	2¾
23 „ ...	448	40	...	...	2½	...	2¾
24 „ ...	448	35	...	...	2½	...	2¾
25 „ ...	448	30	...	...	2½	...	2¾
26 „ ...	448	20	...	...	2½	...	2¾
			...	...			
27 „ ...	448	10	...	...	2½	...	2¾
28 „ ...	448	05	...	...	2½	...	2¾
29 „ ...	448	00	...	...	2½	...	2¾
30 „ ...	447	95	...	...	2½	...	2¾
31 „ ...	447	90	...	...	2½	...	2¾
Carried over	...	...	...	...	...	...	...

Date 1896.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Dam Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward	...	...	...	...	...	...	...
1 Feb....	447	80	...	...	2½	...	2¾
2 „ ...	447	75	...	...	2½	...	2¾
			...	...			
3 „ ...	447	65	...	...	2½	...	2¾
4 „ ...	447	60	...	...	2½	...	2¾
5 „ ...	447	50	...	...	2½	...	2¾
6 „ ...	447	45	...	...	2½	...	2⅞
7 „ ...	447	40	...	...	2½	...	2⅞
8 „ ...	447	30	...	...	2½	...	2⅞
9 „ ...	447	20	...	...	2½	...	2⅞
			...	...			
10 „ ...	447	15	...	...	2½	...	2⅞
11 „ ...	447	05	...	...	2½	...	2⅞
12 „ ...	447	00	...	...	2½	...	2⅞
13 „ ...	446	95	...	...	2½	...	2⅞
14 „ ...	446	85	...	...	2½	...	2⅞
15 „ ...	446	80	...	...	2⅜	...	2⅞
16 „ ...	446	70	...	...	2⅜	...	2⅜
			...	...			
17 „ ...	446	65	...	...	2⅜	...	2⅜
18 „ ...	446	55	...	...	2⅜	...	2⅜
19 „ ...	446	50	...	...	2⅜	...	2⅜
20 „ ...	446	40	...	...	2⅜	...	2⅜
21 „ ...	446	35	...	...	2⅜	...	2⅜
22 „ ...	446	25	...	...	2⅜	...	2¼
23 „ ...	446	15	...	...	2⅜	...	2¼
			...	...			
24 „ ...	446	10	...	...	2⅜	...	2¼
25 „ ...	446	00	...	...	2⅜	...	2¼
26 „ ...	445	95	...	...	2⅜	...	2⅛
27 „ ...	445	90	...	...	2⅜	...	2⅛
28 „ ...	445	80	...	...	2⅜	...	2
29 „ ...	445	75	...	...	2⅜	...	2
Carried over	...	...	...	...	...	...	...

TABLE No. 8—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1896.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Dam Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward.	...	...	...	...	...	...	...
1 March	445	65	...	...	2⅜	...	2
2 „ ...	445	60	...	...	2⅜	...	2
3 „ ...	445	50	...	...	2⅜	...	2
4 „ ...	445	40	...	...	2⅜	...	2
5 „ ...	445	35	...	...	2⅜	...	2
6 „ ...	445	25	...	...	2⅜	...	2
7 „ ...	445	20	...	...	2⅜	...	2
8 „ ...	445	10	...	...	2⅜	...	1⅞
9 „ ...	445	00	...	...	2⅜	...	1⅞
10 „ ...	444	95	...	...	2⅜	...	1⅞
11 „ ...	444	90	...	...	2⅜	...	1⅞
12 „ ...	444	80	...	...	2⅜	...	1⅞
13 „ ...	444	75	...	...	2⅜	...	1⅞
14 „ ...	444	65	...	...	2⅜	...	1⅞
15 „ ...	444	55	...	...	2⅜	...	1⅞
16 „ ...	444	50	...	...	2⅜	...	1⅞
17 „ ...	444	40	...	...	2⅜	...	1⅞
18 „ ...	444	30	...	...	2⅜	...	1⅞
19 „ ...	444	25	...	...	2⅜	...	1⅞
20 „ ...	444	15	...	...	2⅜	...	1⅞
21 „ ...	444	10	...	...	2⅜	...	1⅞
22 „ ...	444	00	...	...	2⅜	...	1⅞
23 „ ...	443	90	...	...	2⅜	...	1⅞
24 „ ...	443	85	...	...	2⅜	...	1⅞
25 „ ...	443	75	...	...	2⅜	...	1⅞
26 „ ...	443	65	...	...	2⅜	...	1⅞
27 „ ...	443	55	...	...	2⅜	...	1⅞
28 „ ...	443	45	...	...	2⅜	...	1⅞
29 „ ...	443	35	...	...	2⅜	...	1⅞
30 „ ...	443	25	...	...	2⅜	...	1⅞
31 „ ...	443	20	...	...	2⅜	...	1⅞
Carried over ...	...	...	...	...	...	...	...

Date 1896.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Dam Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge Inches.
Brought forward	...	...	...	...	...	...	...
1 April	443	10	...	...	2⅜	...	1⅞
2 „ ...	443	05	...	...	2⅜	...	1⅞
3 „ ...	442	95	...	...	2⅜	...	1⅞
4 „ ...	442	90	...	...	2⅜	...	1⅞
5 „ ...	442	80	...	...	2⅜	...	1⅞
6 „ ...	442	70	...	...	2⅜	„	1⅞
7 „ ...	442	60	...	...	2⅜	„	1⅞
8 „ ...	442	50	...	...	2⅜	„	1⅞
9 „ ...	442	45	...	...	2⅜	„	1⅞
10 „ ...	442	35	...	...	2⅜	„	1⅞
11 „ ...	442	25	...	...	2⅜	„	1⅞
12 „ ...	442	15	...	...	2⅜	„	1⅞
13 „ ...	442	10	...	...	2⅜	...	1⅞
14 „ ...	442	00	...	...	2⅜	...	1⅞
15 „ ...	441	90	...	...	2⅜	...	1⅞
16 „ ...	441	80	...	...	2⅜	...	1⅞
17 „ ...	441	70	...	...	2⅜	...	1⅞
18 „ ...	441	60	...	...	2⅜	...	1⅞
19 „ ...	441	55	...	...	2⅜	...	1⅞
20 „ ...	441	45	...	...	2⅜	...	1⅞
21 „ ...	441	35	...	...	2⅜	...	1⅞
22 „ ...	441	25	...	...	2⅜	...	1⅞
23 „ ...	441	15	...	...	2⅜	...	1⅞
24 „ ...	441	05	...	...	2⅜	...	1⅞
25 „ ...	441	00	...	...	2⅜	...	1⅞
26 „ ...	440	90	...	...	2⅜	...	1⅞
27 „ ...	440	85	...	...	2⅜	...	1⅞
28 „ ...	440	75	...	...	2⅜	...	1⅞
29 „ ...	440	65	...	...	2⅜	...	1⅞
30 „ ...	440	55	...	...	2⅜	...	1⅞
Carried over ...	...	...	...	...	...	...	...

TABLE No. 3—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1896.	Height of water. Feet.	Height of water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Dam Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			...	...	...	...	...
1 May.	440	50	...	...	2⅜	...	1¼
2 „ ...	440	40	...	...	2⅜	...	1¼
3 „ ...	440	30	...	...	2¼	...	1¼
			...	...			
4 „ ...	440	20	...	...	2¼	...	1¼
5 „ ...	440	10	...	...	2¼	...	1¼
6 „ ...	440	00	...	...	2¼	...	1¼
7 „ ...	439	95	...	...	2¼	...	1¼
8 „ ...	439	85	...	...	2¼	...	1¼
9 „ ...	439	75	...	...	2¼	...	1¼
10 „ ...	439	70	...	...	2¼	...	1¼
			...	...			
11 „ ...	439	60	...	...	2¼	...	1¼
12 „ ...	439	50	...	...	2¼	...	1¼
13 „ ...	439	40	...	...	2¼	...	1¼
14 „ ...	439	30	...	...	2¼	...	1¼
15 „ ...	439	20	...	...	2¼	...	1¼
16 „ ...	439	10	...	...	2¼	...	1⅛
17 „ ...	439	00	...	...	2¼	...	1⅛
			...	...			
18 „ ...	438	95	...	...	2¼	...	1⅛
19 „ ...	438	85	...	...	2¼	...	1⅛
20 „ ...	438	80	...	...	2¼	...	1⅛
21 „ ...	438	70	...	...	2¼	...	1⅛
22 „ ...	438	60	...	...	2¼	...	1⅛
23 „ ...	438	50	...	...	2¼	...	1⅛
24 „ ...	438	40	...	...	2¼	...	1⅛
			...	...			
25 „ ...	438	30	...	...	2⅛	...	1
26 „ ...	438	20	...	...	2⅛	...	1
27 „ ...	438	10	...	...	2⅛	...	1
28 „ ...	438	05	...	...	2⅛	...	1
29 „ ...	438	00	...	48	2⅛	...	1
30 „ ...	437	90	...	...	2⅛	...	1
31 „ ...	437	80	...	...	2⅛	...	1
Carried over	...		...	48	...	...	...

Date 1896.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Dam Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			...	48	...	...	...
1 June ..	437	70	...	...	...	...	...
2 „ ...	437	60	...	...	...	...	...
3 „ ...	437	55	...	15	...	...	...
4 „ ...	437	50	...	30	...	...	...
5 „ ...	437	40	...	19	...	...	...
6 „ ...	437	35	...	...	...	...	...
7 „ ...	437	25	...	09	...	...	...
			...	73			
8 „ ...	437	20	...	...	...	...	...
9 „ ...	437	10	2	18	...	...	...
10 „ ...	437	20	...	...	...	...	...
11 „ ...	437	10	2	84	...	...	...
12 „ ...	437	30	...	...	2	...	...
13 „ ...	437	20	...	...	...	...	...
14 „ ...	437	10	...	44	...	...	...
			5	46			
15 „ ...	437	05	...	08	...	...	...
16 „ ...	437	00	...	...	...	...	...
17 „ ...	436	90	3	12	...	...	...
18 „ ...	437	20	3	31	1	...	...
19 „ ...	437	50	1	79	1½	...	...
20 „ ...	437	10	3	41	1	...	...
21 „ ...	438	20	8	37	9	...	...
			20	08			
22 „ ...	441	50	1	95	12		
23 „ ...	442	50	...	37	7	...	10
24 „ ...	442	70	...	09	2	...	1½
25 „ ...	442	70	...	12	1	...	...
26 „ ...	442	65	...	15	...	...	...
27 „ ...	442	60	...	08	...	...	...
28 „ ...	442	55	...	06	...	...	...
			2	82			
29 „ ...	442	50	...	77	...	...	...
30 „ ...	442	50	1	14	...	...	...
Carried over	...		29	57	...	...	...

TABLE No. 3—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1896.	Height of water. Feet.	Height of water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Dam Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			29	57	...	...	...
1 July...	442	65	...	98	½	...	...
2 „ ...	442	95	...	75	5	...	...
3 „ ...	443	10	...	89	3½	...	...
4 „ ...	443	55	...	94	5	...	...
5 „ ...	443	55	...	29	4½	...	...
			5	76			
6 „ ...	443	65	...	40	3½	...	...
7 „ ...	443	70	...	83	1½	...	...
8 „ ...	443	90	...	43	2	...	...
9 „ ...	443	00	...	18	2½	...	...
10 „ ...	444	05	3	34	1¼	...	...
11 „ ...	444	95	1	19	11	...	3
12 „ ...	445	50	...	38	5½	...	1
			6	75			
13 „ ...	445	80	4	70	4	...	...
14 „ ...	447	60	8	83	2'-8"	...	1'-5"
15 „ ...	451	70	1	11	2'-11"	...	1'-11"
16 „ ...	452	95	...	15	1'-1"	...	2
17 „ ...	453	20	...	28	4	...	1
18 „ ...	453	35	1	49	2	...	...
19 „ ...	453	65	1	59	1	...	...
			18	15			
20 „ ...	454	15	3	14	7½	...	1½
21 „ ...	455	35	2	60	10½	...	4
22 „ ...	456	65	...	52	10	...	2
23 „ ...	456	65	2	72	7	1½	...
24 „ ...	456	90	8	36	1'-3"	4	...
25 „ ...	456	95	...	44	1'-3"	4½	...
26 „ ...	456	90	...	35	10½	4	...
			18	13			
27 „ ...	456	75	...	70	6½	2½	...
28 „ ...	456	70	3	08	6½	2¼	...
29 „ ...	457	05	6	90	1'-3"	5½	...
30 „ ...	457	20	7	98	1'-8"	7	...
31 „ ...	457	40	3	07	2'-2"	9	...
Carried over ...			78	36	...	...	...

Date 1896.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Dam Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches
Brought forward			78	36	...	...	...
1 Aug...	457	00	...	65	1'-2"	5	...
2 „ ...	456	80	...	92	6	3	...
			23	30			
3 „ ...	456	75	1	83	6½	2½	...
4 „ ...	456	85	2	41	9½	3½	...
5 „ ...	456	85	...	18	10½	3¾	...
6 „ ...	456	70	...	36	7	2¼	...
7 „ ...	456	65	2	18	7	1½	...
8 „ ...	456	90	1	51	9	4	...
9 „ ...	456	85	3	05	9½	3½	...
			11	52			
10 „ ...	457	20	4	34	1'-7"	7	...
11 „ ...	457	20	2	92	1'-2"	7	...
12 „ ...	457	15	...	87	1'-0"	6½	...
13 „ ...	456	80	1	12	8	3	...
14 „ ...	456	80	2	60	7½	3	...
15 „ ...	457	15	5	70	1'-3"	6½	...
16 „ ...	457	15	1	76	1'-1"	6½	...
			19	31			
17 „ ...	456	90	...	42	11	4	...
18 „ ...	456	75	...	42	6	2½	...
19 „ ...	456	70	1	06	4½	2	...
20 „ ...	456	70	...	29	6	2	...
21 „ ...	456	65	...	12	5	1½	...
22 „ ...	456	60	...	18	4½	1	...
23 „ ...	456	60	...	29	3¼	1	...
			2	78			
24 „ ...	456	60	...	31	2	1	...
25 „ ...	456	55	...	17	1¼	¾	...
26 „ ...	456	55	...	...	1	¾	...
27 „ ...	456	50	...	...	¾	¾	...
28 „ ...	456	45	...	30	¼	¼	...
29 „ ...	456	45	...	25	2	...	...
30 „ ...	456	40	...	13	1	...	...
			1	16			
31 „ ...	456	40	...	33	¾	...	...
Carried over ...			136	43	...	...	...

TABLE No. 3—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1896.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Dam Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			136	43	...	...	...
1 Sept...	456	40	...	20	¾	...	...
2 „ ...	456	35	...	15	½	...	...
3 „ ...	456	35	...	08	¼	...	...
4 „ ...	456	30	...	05	...	...	...
5 „ ...	456	25	...	...	...	...	...
6 „ ...	456	20	...	...	...	...	...
			...	81	...	...	
7 „ ...	456	10	...	...			...
8 „ ...	456	10	...	...	...	...	...
9 „ ...	456	05	...	...	...	...	...
10 „ ...	456	00	...	...	...	...	...
11 „ ...	455	95	...	...	...	...	...
12 „ ...	455	90	...	08	...	...	...
13 „ ...	455	85	...	16	...	...	...
			...	24			
14 „ ...	455	80	...	46	...	...	...
15 „ ...	455	75	...	...	...	...	...
16 „ ...	455	70	...	...	...	...	...
17 „ ...	455	65	...	...	...	...	...
18 „ ...	455	55	...	...	...	...	...
19 „ ...	455	50	...	...	...	...	...
20 „ ...	455	45	...	...	...	...	...
			...	46			
21 „ ...	455	35	...	41	...	...	...
22 „ ...	455	30	...	...	...	...	...
23 „ ...	455	25	...	...	...	...	...
24 „ ...	455	15	...	...	...	...	...
25 „ ...	455	10	...	10	...	...	...
26 „ ...	455	10	...	...	...	...	...
27 „ ...	455	00	...	...	...	...	...
			...	51			
28 „ ...	454	95	...	...	...	...	...
29 „ ...	454	90	...	...	...	...	...
30 „ ...	454	80	...	...	...	...	...
Carried over ...			138	45	...	...	...

Date 1896.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Dam Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			138	45	...	...	...
1 Oct....	454	75	...	...	...	...	...
2 „ ...	454	70	...	...	...	...	...
3 „ ...	454	60	...	...	...	...	...
4 „ ...	454	55	...	...	...	...	...
			...	...			
5 „ ...	454	45	...	09	...	...	...
6 „ ...	454	40	...	...	...	...	...
7 „ ...	454	30	...	...	...	...	...
8 „ ...	454	25	...	...	...	...	...
9 „ ...	454	15	...	...	...	...	...
10 „ ...	454	10	...	...	...	...	...
11 „ ...	454	00	...	...	...	...	...
			...	09			
12 „ ...	453	95	...	...	...	...	...
13 „ ...	453	85	...	...	...	...	...
14 „ ...	453	80	...	...	...	...	...
15 „ ...	453	70	...	...	...	...	...
16 „ ...	453	65	...	...	...	...	...
17 „ ...	453	55	...	...	...	...	...
18 „ ...	453	50	...	...	...	...	...
			...	...			
19 „ ...	453	40	...	...	...	...	...
20 „ ...	453	30	...	...	...	...	...
21 „ ...	453	20	...	...	...	...	...
22 „ ...	453	15	...	...	...	...	...
23 „ ...	453	05	...	...	...	...	...
24 „ ...	453	00	...	...	...	...	...
25 „ ...	452	90	...	...	...	...	...
			...	...			
26 „ ...	452	85	...	...	...	...	...
27 „ ...	452	75	...	...	...	...	...
28 „ ...	452	65	...	...	...	...	...
29 „ ...	452	60	...	...	...	...	...
30 „ ...	452	50	...	...	...	...	...
31 „ ...	452	45	...	...	...	...	...
Carried over ...			138	54	...	...	...

TABLE No. 3—*concld.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1896.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Dam Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward	138	54	...	...	...	...	...
1 Nov.	452	35	...	...	3 3/8	1/8	2 3/4
			...	...			
2 „ ...	452	25	...	...	3 3/8	3/4	2 3/4
3 „ ...	452	20	...	...	3 1/4	3/4	2 3/4
4 „ ...	452	10	...	...	3 1/4	3/4	2 3/4
5 „ ...	452	05	...	...	3 1/4	3/4	2 3/4
6 „ ...	451	95	...	...	3 1/4	3/4	2 3/4
7 „ ...	451	90	...	...	3 1/8	5/8	2 5/8
8 „ ...	451	80	...	...	3 1/8	5/8	2 5/8
			...	...			
9 „ ...	451	75	...	...	3 1/8	5/8	2 5/8
10 „ ...	451	65	...	...	3	5/8	2 5/8
11 „ ...	451	60	...	...	3	5/8	2 5/8
12 „ ...	451	50	...	...	3	1/2	2 1/8
13 „ ...	451	40	...	...	3	1/2	2 1/8
14 „ ...	451	35	...	...	3	1/2	2 1/8
15 „ ...	451	25	...	...	3	1/2	2 1/8
			...	...			
16 „ ...	451	20	...	...	3	1/2	2 5/8
17 „ ...	451	10	...	...	3	1/2	2 1/2
18 „ ...	451	00	...	...	3	1/2	2 1/2
19 „ ...	450	95	...	...	3	1/2	2 1/2
20 „ ...	450	90	...	18	3	1/2	2 1/2
21 „ ...	450	90	...	80	3	1/2	2 1/2
22 „ ...	450	85	...	...	3	1/2	2 1/2
			...	98			
23 „ ...	450	75	...	...	3	1/2	2 1/2
24 „ ...	450	70	...	...	3	1/2	2 1/2
25 „ ...	450	60	...	...	3	1/2	2 1/2
26 „ ...	450	55	...	...	2 7/8	1/2	2 1/2
27 „ ...	450	50	...	...	2 7/8	1/2	2 1/2
28 „ ...	450	40	...	...	2 7/8	1/2	2 1/2
29 „ ...	450	35	...	...	2 7/8	1/2	2 1/2
			...	...			
30 „ ...	450	25	...	...	2 7/8	1/2	2 1/2
Carried over ...	139	52	...	...	...	...	...

Date 1896.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Dam Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward	139	52					
1 Dec....	450	20	...	...	2 7/8	1/4	2 1/8
2 „ ...	450	10	...	...	2 7/8	1/4	2 1/8
3 „ ...	450	05	...	...	2 7/8	1/4	2 1/8
4 „ ...	449	95	...	...	2 7/8	1/4	2 1/8
5 „ ...	449	90	...	...	2 7/8	1/4	2 1/8
6 „ ...	449	80	...	...	2 7/8	1/4	2 1/8
			...	...			
7 „ ...	449	75	...	...	2 7/8	3/8	2 3/8
8 „ ...	449	65	...	...	2 7/8	3/8	2 3/8
9 „ ...	449	60	...	...	2 3/4	1/4	2 1/4
10 „ ...	449	50	...	...	2 3/4	1/4	2 1/4
11 „ ...	449	45	...	...	2 3/4	1/4	2 1/4
12 „ ...	449	35	...	...	2 3/4	1/4	2 1/4
13 „ ...	449	25	...	...	2 3/4	1/4	2 1/4
			...	...			
14 „ ...	449	15	...	...	2 3/4	1/4	2 1/4
15 „ ...	449	10	...	...	2 3/4	1/4	2 1/4
16 „ ...	449	00	...	...	2 5/8	1/8	2 1/8
17 „ ...	448	95	...	...	2 5/8	1/8	2 1/8
18 „ ...	448	85	...	...	2 5/8	1/8	2 1/8
19 „ ...	448	75	...	...	2 5/8	...	2 5/8
20 „ ...	448	70	...	...	2 5/8	...	2 1/8
			...	...			
21 „ ...	448	60	...	...	2 5/8	...	2 1/8
22 „ ...	448	50	...	...	2 5/8	...	2 1/8
23 „ ...	448	45	...	...	2 5/8	...	2 1/8
24 „ ...	448	40	...	...	2 1/2	...	2 1/8
25 „ ...	448	30	...	...	2 1/2	...	2 1/8
26 „ ...	448	20	...	...	2 1/2	...	2 1/8
27 „ ...	448	15	...	...	2 1/2	...	2 1/8
			...	...			
28 „ ...	448	10	...	...	2 1/2	...	2 1/8
29 „ ...	448	00	...	...	2 1/2	...	2 1/8
30 „ ...	447	95	...	...	2 1/2	...	2 1/8
31 „ ...	447	85	...	...	2 1/2	...	2
Total Rainfall for the year 1896 ...	139	52					

TABLE No. 4.

280. Water Level and Rainfall at Pawai Lake.

Date 1896.	Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
1 January ...	189	10	...	...	7 3/8
2 „ ...	189	10	...	...	7 1/2
3 „ ...	189	10	...	...	7 3/8
4 „ ...	189	05	...	...	7 3/8
5 „ ...	189	05	...	...	7 1/4
			...	...	
6 „ ...	189	00	...	...	7 1/4
7 „ ...	189	00	...	...	7 1/4
8 „ ...	189	00	...	...	7 1/8
9 „ ...	189	00	...	...	7 1/8
10 „ ...	188	95	...	...	7 1/8
11 „ ...	188	95	...	...	7
12 „ ...	188	95	...	...	7
			...	...	
13 „ ...	188	90	...	...	7
14 „ ...	188	90	...	...	7
15 „ ...	188	90	...	...	7
16 „ ...	188	85	...	...	7
17 „ ...	188	85	...	...	7
18 „ ...	188	85	...	...	7
19 „ ...	188	85	...	...	7
			...	...	
20 „ ...	188	80	...	...	7
21 „ ...	188	80	...	...	7
22 „ ...	188	80	...	...	7
23 „ ...	188	80	...	...	7
24 „ ...	188	80	...	...	7
25 „ ...	188	75	...	...	6 7/8
26 „ ...	188	75	...	...	6 7/8
			...	...	
27 „ ...	188	70	...	...	6 7/8
28 „ ...	188	70	...	...	6 7/8
29 „ ...	188	70	...	...	6 7/8
30 „ ...	188	70	...	...	6 7/8
31 „ ...	188	70	...	...	6 3/4
Carried over...			...	...	

Date 1896.	Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...			...	...	
			...	...	
1 February.	188	65	...	...	6 3/4
2 „ ...	188	65	...	...	6 5/8
			...	...	
3 „ ...	188	60	...	...	6 1/2
4 „ ...	188	60	...	...	6 1/2
5 „ ...	188	60	...	...	6 3/8
6 „ ...	188	55	...	...	6 3/8
7 „ ...	188	55	...	...	6 1/4
8 „ ...	188	55	...	...	6 1/4
9 „ ...	188	50	...	...	6 1/8
			...	...	
10 „ ...	188	50	...	...	6 1/8
11 „ ...	188	50	...	...	6
12 „ ...	188	50	...	...	6
13 „ ...	188	45	...	...	6
14 „ ...	188	45	...	...	6
15 „ ...	188	45	...	...	5 7/8
16 „ ...	188	45	...	...	5 7/8
			...	...	
17 „ ...	188	40	...	...	5 7/8
18 „ ...	188	40	...	...	5 3/4
19 „ ...	188	40	...	...	5 3/4
20 „ ...	188	35	...	...	5 3/4
21 „ ...	188	35	...	...	5 3/4
22 „ ...	188	35	...	...	5 3/4
23 „ ...	188	35	...	...	5 5/8
			...	...	
24 „ ...	188	35	...	...	5 5/8
25 „ ...	188	35	...	...	5 1/2
26 „ ...	188	30	...	...	5 1/2
27 „ ...	188	25	...	...	5 1/2
28 „ ...	188	25	...	...	5 1/2
29 „ ...	188	25	...	...	5 1/2
Carried over ...			...	...	

TABLE No. 4—*contd.*

Water Level and Rainfall at Pawai Lake.

Date 1896.	Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...			...	...	
1 March ...	188	25	...	...	5½
			...	...	
2 „ ...	188	20	...	...	5⅜
3 „ ...	188	20	...	...	5⅜
4 „ ...	188	20	...	...	5¼
5 „ ...	188	15	...	...	5¼
6 „ ...	188	15	...	...	5¼
7 „ ...	188	15	...	...	5¼
8 „ ...	188	15	...	...	5⅛
			...	...	
9 „ ...	188	10	...	...	5
10 „ ...	188	10	...	...	5
11 „ ...	188	10	...	...	5
12 „ ...	188	05	...	...	5
13 „ ...	188	05	...	...	5
14 „ ...	188	05	...	...	5
15 „ ...	188	05	...	...	5
			...	...	
16 „ ...	188	00	...	...	5
17 „ ...	188	00	...	...	5
18 „ ...	188	00	...	...	4⅞
19 „ ...	187	95	...	...	4⅞
20 „ ...	187	95	...	...	4⅞
21 „ ...	187	95	...	...	4⅞
22 „ ...	187	95	...	...	4⅞
			...	...	
23 „ ...	187	90	...	...	4⅛
24 „ ...	187	90	...	...	4⅛
25 „ ...	187	90	...	...	4⅛
26 „ ...	187	85	...	...	4
27 „ ...	187	85	...	...	4
28 „ ...	187	85	...	...	4
29 „ ...	187	85	...	...	4
			...	...	
30 „ ...	187	80	...	...	4
31 „ ...	187	80	...	...	4
Carried over ...			...	...	

Date 1896.	Weight of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge Ins.
Brought forward ...			...	...	
1 April ...	187	80	...	...	4
2 „ ...	187	75	...	...	4
3 „ ...	187	75	...	...	4
4 „ ...	187	75	...	...	3⅞
5 „ ...	187	75	...	...	3⅞
			...	...	
6 „ ...	187	70	...	...	3¾
7 „ ...	187	70	...	...	3¾
8 „ ...	187	70	...	...	3¾
9 „ ...	187	65	...	...	3⅝
10 „ ...	187	65	...	...	3⅝
11 „ ...	187	65	...	...	3⅝
12 „ ...	187	65	...	...	3⅝
			...	...	
13 „ ...	187	60	...	...	3½
14 „ ...	187	60	...	...	3½
15 „ ...	187	60	...	...	3½
16 „ ...	187	55	...	...	3⅜
17 „ ...	187	55	...	...	3⅜
18 „ ...	187	55	...	...	3
19 „ ...	187	55	...	...	3
			...	...	
20 „ ...	187	50	...	...	3
21 „ ...	187	50	...	...	3
22 „ ...	187	50	...	...	3
23 „ ...	187	45	...	...	3
24 „ ...	187	45	...	...	3
25 „ ...	187	45	...	...	3
26 „ ...	187	45	...	...	2⅞
			...	...	
27 „ ...	187	40	...	...	2¾
28 „ ...	187	40	...	...	2¾
29 „ ...	187	40	...	...	2¾
30 „ ...	187	35	...	...	2⅝
Carried over ...			...	...	

TABLE No. 4—*contd.*

Water Level and Rainfall at Pawai Lake.

Date 1896.	Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...			...	...	
1 May ...	187	35	...	...	2⅝
2 „ ...	187	35	...	...	2⅝
3 „ ...	187	35	...	...	2⅝
			...	...	
4 „ ...	187	30	...	...	2½
5 „ ...	187	30	...	...	2½
6 „ ...	187	30	...	...	2⅜
7 „ ...	187	25	...	...	2⅜
8 „ ...	187	25	...	...	2¼
9 „ ...	187	25	...	...	2¼
10 „ ...	187	25	...	...	2¼
			...	...	
11 „ ...	187	20	...	...	2⅛
12 „ ...	187	20	...	...	2⅛
13 „ ...	187	20	...	...	2⅛
14 „ ...	187	15	...	...	2⅛
15 „ ...	187	15	...	...	2
16 „ ...	187	15	...	...	2
17 „ ...	187	15	...	...	2
			...	...	
18 „ ...	187	10	...	...	1⅞
19 „ ...	187	10	...	...	1⅞
20 „ ...	187	10	...	...	1⅞
21 „ ...	187	05	...	...	1⅞
22 „ ...	187	05	...	...	1⅞
23 „ ...	187	05	...	...	1¾
24 „ ...	187	05	...	...	1¾
			...	...	
25 „ ...	187	00	...	...	1¾
26 „ ...	187	00	...	...	1¾
27 „ ...	187	00	...	...	1¾
28 „ ...	186	95	...	...	1¾
29 „ ...	186	95	1	15	1¾
30 „ ...	186	95	...	...	1¾
31 „ ...	186	95	...	...	1¾
			1	15	
Carried over ...			1	15	

Date 1896.	Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...			1	15	
1 June ...	186	00	...	16	
2 „ ...	186	00	...	...	
3 „ ...	186	00	...	24	
4 „ ...	186	00	...	7	
5 „ ...	186	00	...	...	
6 „ ...	186	20	1	5	
7 „ ...	186	20	...	8	
			1	60	
8 „ ...	186	15	...	...	
9 „ ...	186	15	...	22	
10 „ ...	185	40	...	...	
11 „ ...	184	30	1	56	
12 „ ...	182	80	...	08	
13 „ ...	180	90	...	02	
14 „ ...	178	90	...	22	
			2	10	
15 „ ...	178	15	...	29	
16 „ ...	177	75	...	06	
17 „ ...	177	95	3	66	
18 „ ...	177	30	2	15	
19 „ ...	178	50	1	54	
20 „ ...	178	60	3	21	
21 „ ...	179	60	5	71	
			16	62	
22 „ ...	182	40	5	10	
23 „ ...	183	90	...	44	
24 „ ...	182	80	...	02	
25 „ ...	181	40	...	45	
26 „ ...	178	50	...	24	
27 „ ...	178	50	...	23	
28 „ ...	178	30	...	02	
			6	50	
29 „ ...	178	00	...	15	
30 „ ...	177	80	...	44	
			...	...	
Carried over ...			27	97	

Goper Dam Gauge is stopped from the 1st June 1896.

TABLE No. 4—*contd.*

Water Level and Rainfall at Pawai Lake.

Date 1896.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...				27	97	
1	July ...	177	90	1	24	...
2	„ ...	178	70	...	36	...
3	„ ...	179	20	...	56	...
4	„ ...	179	50	1	59	...
5	„ ...	179	70	...	06	...
				4	40	
6	„ ...	180	30	...	33	...
7	„ ...	181	70	...	39	...
8	„ ...	181	90	...	22	...
9	„ ...	182	00	...	04	...
10	„ ...	182	10	2	03	...
11	„ ...	182	80	1	88	...
12	„ ...	183	90	...	66	...
				5	55	
13	„ ...	184	30	5	90	...
14	„ ...	188	40	7	65	...
15	„ ...	190	55	1	22	...
16	„ ...	190	25	...	12	...
17	„ ...	190	15	...	56	...
18	„ ...	190	15	1	00	...
19	„ ...	190	20	1	75	...
				18	20	
20	„ ...	190	25	2	16	...
21	„ ...	190	25	2	40	...
22	„ ...	190	25	...	86	...
23	„ ...	190	25	2	30	...
24	„ ...	190	45	5	04	...
25	„ ...	190	50	1	56	...
26	„ ...	190	40	...	40	...
				14	72	
27	„ ...	190	95	...	58	...
28	„ ...	190	95	4	41	...
29	„ ...	190	40	4	30	...
30	„ ...	190	35	4	46	...
31	„ ...	190	40	...	55	...
Carried over ...				70	84	

Date 1896.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...				70	84	
1	August ...	190	25	1	15	...
2	„ ...	190	25	...	62	...
				16	07	
3	„ ...	190	15	...	83	...
4	„ ...	190	30	1	94	...
5	„ ...	190	15	...	06	...
6	„ ...	190	10	...	49	...
7	„ ...	190	15	2	62	...
8	„ ...	190	40	2	07	...
9	„ ...	190	30	2	83	...
				10	84	
10	„ ...	190	25	5	35	...
11	„ ...	190	30	2	31	...
12	„ ...	190	35	...	87	...
13	„ ...	190	20	...	62	...
14	„ ...	190	20	2	31	...
15	„ ...	190	30	4	74	...
16	„ ...	190	20	1	19	...
				17	39	
17	„ ...	190	10	...	11	...
18	„ ...	190	15	...	12	...
19	„ ...	190	10	...	37	...
20	„ ...	190	15	...	30	...
21	„ ...	190	15	...	11	...
22	„ ...	190	10	...	35	...
23	„ ...	190	15	...	18	...
				1	54	
24	„ ...	190	10	...	03	...
25	„ ...	190	05	...	...	...
26	„ ...	190	05	...	...	...
27	„ ...	190	05	...	...	...
28	„ ...	190	05	...	...	...
29	„ ...	190	05	...	10	...
30	„ ...	190	05	...	03	...
				...	16	
31	„ ...	190	05	...	04	...
Carried over ...				116	84	

TABLE NO. 4—*contd.*

Water Level and Rainfall at Pawai Lake.

Date 1896.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...				116	84	
1	September.	190	05	...	10	...
2	" ...	190	05	...	...	...
3	" ...	190	00	...	03	...
4	" ...	190	10	...	06	...
5	" ...	190	00	...	...	...
6	" ...	190	00	...	...	...
				...	23	
7	" ...	190	10	...	...	...
8	" ...	190	00	...	15	...
9	" ...	190	00	...	...	...
10	" ...	190	00	...	17	...
11	" ...	190	00	...	15	...
12	" ...	190	00	...	...	...
13	" ...	190	00	...	18	...
				...	65	
14	" ...	190	00	...	30	...
15	" ...	190	20	...	...	...
16	" ...	190	00	...	04	...
17	" ...	190	00	...	03	...
18	" ...	190	00	...	07	...
19	" ...	190	00	...	16	...
20	" ...	190	00	...	05	...
				...	65	
21	" ..	190	00	...	02	...
22	" ...	190	00	...	...	...
23	" ...	189	95	...	...	...
24	" ...	189	95	...	...	...
25	" ...	189	95	...	05	...
26	" ...	189	95	...	07	...
27	" ...	189	90	...	...	...
				...	14	
28	" ...	189	90	...	...	...
29	" ...	189	90	...	...	...
30	" ...	189	85	...	...	...
Carried over ...				118	51	

Date 1896.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward				118	51	
1	October ...	189	85	...	...	...
2	" ...	189	85	...	...	...
3	" ...	189	85	...	...	...
4	" ...	189	80	...	...	...
				...	...	
5	" ...	189	80	...	...	...
6	" ...	189	80	...	...	...
7	" ...	189	75	...	...	...
8	" ...	189	75	...	...	...
9	" ...	189	75	...	...	...
10	" ...	189	75	...	...	...
11	" ...	189	70	...	...	...
				...	...	
12	" ...	189	70	...	...	...
13	" ...	189	70	...	...	...
14	" ...	189	65	...	...	...
15	" ...	189	65	...	...	...
16	" ...	189	65	...	...	...
17	" ...	189	65	...	...	...
18	" ...	189	60	...	...	...
				...	...	
19	" ...	189	60	...	...	...
20	" ...	189	60	...	...	...
21	" ...	189	55	...	...	...
22	" ...	189	55	...	...	...
23	" ...	189	55	...	...	...
24	" ...	189	55	...	...	...
25	" ...	189	50	...	...	...
				...	...	
26	" ...	189	50	...	...	...
27	" ...	189	50	...	...	...
28	" ...	189	45	...	...	...
29	" ...	189	45	...	...	...
30	" ...	189	45	...	...	...
31	" ...	189	45	...	...	...
Carried over ...				118	51	

TABLE No. 4—*concld.*

Water Level and Rainfall at Pawai Lake.

Date 1896.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...				118	51	
1	November.	189	40	...	...	...
				...	...	
2	„ ...	189	35	...	...	...
3	„ ...	189	35	...	...	9⅛
4	„ ...	189	35	...	...	9⅛
5	„ ...	189	35	...	...	9
6	„ ...	189	35	...	...	9
7	„ ...	189	30	...	...	9
8	„ ...	189	30	...	...	9
				...	...	
9	„ ...	189	25	...	...	9
10	„ ...	189	25	...	...	8⅞
11	„ ...	189	25	...	...	8⅞
12	„ ...	189	25	...	...	8⅞
13	„ ...	189	20	...	...	8⅞
14	„ ...	189	20	...	...	8⅞
15	„ ...	189	20	...	...	8⅞
				...	...	
16	„ ...	189	15	...	...	8¾
17	„ ...	189	15	...	...	8¾
18	„ ...	189	15	...	...	8¾
19	„ ...	189	15	...	...	8¾
20	„ ...	189	15	...	35	8¼
21	„ ...	189	10	...	80	8⅛
22	„ ...	189	10	...	...	8⅛
				1	15	
23	„ ...	189	05	...	...	8
24	„ ...	189	05	...	...	8
25	„ ...	189	05	...	...	8
26	„ ...	189	05	...	...	8
27	„ ...	189	00	...	...	8
28	„ ...	189	00	...	...	7⅞
29	„ ...	189	00	...	...	7⅞
				...	...	
30	„ ...	188	95	...	...	7⅞
Carried over ...				119	66	

Date 1896.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...				119	66	
1	December.	188	95	...	...	7¾
2	„ ...	188	95	...	...	7¾
3	„ ...	188	95	...	...	7¾
4	„ ...	188	90	...	...	7⅞
5	„ ...	188	90	...	...	7⅞
6	„ ...	188	90	...	...	7½
				...	...	
7	„ ...	188	85	...	...	7½
8	„ ...	188	85	...	...	7½
9	„ ...	188	85	...	...	7⅜
10	„ ...	188	85	...	...	7⅜
11	„ ...	188	80	...	...	7⅜
12	„ ...	188	80	...	...	7¼
13	„ ...	188	80	...	...	7¼
				...	...	
14	„ ...	188	75	...	...	7¼
15	„ ...	188	75	...	...	7¼
16	„ ...	188	75	...	...	7⅛
17	„ ...	188	75	...	...	7⅛
18	„ ...	188	70	...	...	7⅛
19	„ ...	188	70	...	...	7⅛
20	„ ...	188	70	...	...	7⅛
				...	...	
21	„ ...	188	65	...	...	7⅛
22	„ ...	188	65	...	...	7
23	„ ...	188	65	...	...	7
24	„ ...	188	65	...	...	6⅞
25	„ ...	188	60	...	...	6¾
26	„ ...	188	60	...	...	6¾
27	„ ...	188	60	...	...	6¾
				...	...	
28	„ ...	188	55	...	...	6¾
29	„ ...	188	55	...	...	6¾
30	„ ...	188	55	...	...	6⅝
31	„ ...	188	55	...	...	6⅝
Total Rainfall for the year 1896				119	66	

TABLE

281. **Analysis**

Date, Month and Year 1896-97.		Vehar filtered water taken from Vehar filter Channel.		Vehar filtered water taken from No. 1 filter water channel of the Bhandarwada Reservoir.		Vehar filtered water taken from No. 2 Vehar filter bed.	
		Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.
		Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.
	1896.						
25	March	·005	·09	.....	.....	.....	.....
28	„	.....	.....	.....	.....	.....	.....
1	April	.....	.....	Trace	·10	.....	.....
5	„	.....	.....	.....	.....	.....	.....
8	„	.....	.....	.....	.....	.....	.....
20	„	.....	.....	.....	.....	.....	.....
25	„	.....	.....	.....	.....	.....	.....
28	„	.....	.....	.....	.....	.....	.....
1	May	.....	.....	·03	·09	·04	·08
3	June	.....	.....	.....	.....	.....	.....
6	„	.....	.....	.....	.....	.....	.....
9	„	.....	.....	.....	.....	.....	.....
13	„	.....	.....	.....	.....	.....	.....
21	„	.....	.....	.....	.....	.....	.....
22	„	.....	.....	.....	.....	.....	.....
24	„	.....	.....	.....	.....	.....	.....
27	„	.....	.....	.....	.....	.....	.....
21	September ...	.....	.....	.....	.....	.....	.....
22	„ ...	.....	.....	.....	.....	.....	.....
2	October	.....	.....	.....	.....	.....	.....
3	„	.....	.....	.....	.....	.....	.....
5	November ...	.....	.....	.....	.....	.....	.....
6	„	.....	.....	.....	.....	.....	.....
7	„	.....	.....	.....	.....	.....	.....
9	„	.....	.....	.....	.....	.....	.....
2	December... ...	.....	.....	.....	.....	.....	.....

No. 5.

of Water.

Vehar filtered water taken from No. 3 filter channel of the Bhandarwada Reservoir.		Vehar filtered water from No. 2 filter (Vehar Filter).		Vehar filtered water taken from No. 3 filter (Vehar Filter).		Vehar filtered water taken from No. 4 filter (Vehar Filter).		Vehar filtered water taken from No. 5 filter (Vehar Filter).	
Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.
Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
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.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
·03	·07	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
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.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	·01	·09	·015	·085	·01	·11	·01	·10
.....	.....	.....	.....	·005	·06	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	·01	·08	.....	.....	.....	.....
.....	.....	·015	·09	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE

Analysis

Date, Month and Year, 1896-97.		Vehar Unfiltered Water taken from the Inlet Channel of the Bhandarwada Reservoir.		Vehar Unfiltered Water.		Vehar Unfiltered Water taken off Vehar filters.	
		Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.
		Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.
	1896.						
25	March	.....	.....	.....	.....	.....	.....
28	„	.....	.....	.....	.....	.....	.....
1	April	·02	·18	·005	·19	.....	.....
5	„	.....	.....	.....	.....	.....	.....
8	„	.....	.....	.....	.....	.....	.....
20	„	.....	.....	.....	.....	.....	.....
25	„	.....	.....	.....	.....	.....	.....
28	„	.....	.....	.....	.....	.....	.....
1	May	·04	·18	.....	.....	·03	·18
3	June	.....	.....	.....	.....	.....	.....
6	„	·01	·12	.....	.....	.....	.....
9	„	.....	.....	.....	.....	.....	.....
13	„	.....	.....	.....	.....	.....	.....
21	„	.....	.....	.....	.....	.....	.....
22	„	.....	.....	.....	.....	.....	.....
24	„	.....	.....	.....	.....	.....	.....
27	„	.....	.....	.....	.....	.....	.....
21	September ...	.....	.....	.....	.....	.....	.....
22	„ ...	.....	.....	.....	.....	.....	.....
2	October	.....	.....	.....	.....	.....	.....
3	„	.....	.....	.....	.....	.....	.....
5	November ...	.....	.....	.....	.....	.....	.....
6	„ ...	.....	.....	.....	.....	.....	.....
7	„ ...	.....	.....	.....	.....	.....	.....
9	„ ...	.....	.....	.....	.....	.....	.....
2	December... ...	.....	.....	.....	.....	.....	.....

No. 5—*contd.*

of Water.

Vehar Unfiltered Water from Inlet well (Vehar Filters).		Water from Vehar Lake near Waste Weir.		Vehar Water from filter No. 1.		Tulsi filtered Water taken from the clear water channel No. 1, filter of the Malabar Hill Reservoir.		Tulsi filtered Water taken out of the well in No. 1 filter of the Malabar Hill. Reservoir.	
Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.
Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.
						·005	·09		
						·005	·10		
						·01	·085		
								·015	·09
								·02	·10
								·005	·075
								·02	·11
								·01	·09
·005	·19								
		·01	·11					·005	·07
								·02	·10
		·005	·14						
		·01	·11						
						·01	·08		
		·02	·13	·01	·075	·01	·08		

TABLE

Analysis

Date, Month and Year, 1896-97.		Tulsi filtered Water taken out of the 48" in No. 3 filter of the Malabar Hill Reservoir.		Tulsi filtered Water taken out of the 48" in No. 4 filter of the Malabar Hill Reservoir.		Tulsi unfiltered Water taken from the Fire hydrants on 24" Tulsi main opposite the Malabar Hill Fire Brigade Station.	
		Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.
		Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.
	1896.						
25	March						
28	„						
1	April						
5	„						
8	„					·01	·21
20	„						
25	„						
28	„						
1	May						
3	June						
6	„					·05	·19
9	„						
13	„					·12	·19
21	„	·005	·10	·015	·11		
22	„						
24	„						
27	„						
21	September					·04	·14
22	„						
2	October						
3	„						
5	November						
6	„						
7	„						
9	„					·01	·15
2	December					·01	·16

No. 5—*contd.*

of Water.

Tansa Water taken from the Tansa strained water basin at Ghat Cooper Siphon Head.		Filtered Water from No. 3 Filter-bed, Malabar Hill Reservoir.		Filtered Water from No. 4 Filter-bed, Malabar Hill Reservoir.		Filtered Water from No. 1 Filter-bed, Malabar Hill Reservoir.		Unfiltered strained Water entering No. 1 Filter-bed, Malabar Hill Reservoir.	
Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.	Free ammonia.	Albuminoid ammonia.
Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.	Parts per million.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
·04	·15	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
·02	·15	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	·035	·15	·02	·13	·01	·13	·05	·18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
·005	·09	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
·015	·06	.....	.....	.....	.....	.....	.....	.....	.....
·02	·11	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
·015	·12	.....	.....	.....	.....	.....	.....	.....	.....

TABLE No. 6.

Temperature of Water.

282. Statement showing the Fortnightly Readings of Thermometers at Vehar, Tulsi, and Tansa Lakes and Bhandarwada and Malabar Hill Reservoirs.

Date 1896.	Time.	Vehar Lake.	Tulsi Lake.	Tansa Lake.	Malabar Hill Reservoir.		Bhandarwada Reservoir.	
					Inlet Channel.	Distributing Basin.	Inlet Channel.	Distributing Basin.
		°	°	°	°	°	°	°
1st January ...	6 A.M.	78	74	75	76½	76	76	75
1st „ ...	12 NOON	...	...	80	77	77	...	...
1st „ ...	6 P.M.	...	...	79	77	77	76	76
15th „ ...	6 A.M.	77	73	74	75	77	76	76
15th „ ...	12 NOON	...	...	79	76	78	...	...
15th „ ...	6 P.M	...	...	77½	75	77	77	76
1st February ...	6 A.M.	76	73	73½	76	75	76	76
1st „ ...	12 NOON	82	77	81½	75½	76	...	...
1st „ ...	6 P.M.	78	76	80	75½	75½	77	76
15th „ ...	6 A.M.	76	75	75	76	75	76	77
15th „ ...	12 NOON	82	78	82	75½	76	...	...
15th „ ...	6 P.M.	78	77	81	76	76	76	76
1st March ...	6 A.M.	76	77	75½	77	76	76	77
1st „ ...	12 NOON	...	...	84½	78	76½	...	...
1st „ ...	6 P.M.	...	...	82½	78	76½	76	76
15th „ ...	6 A.M.	78	78	77½	79½	78½	77	78
15th „ ...	12 NOON	...	...	86½	78½	78	...	...
15th „ ...	6 P.M.	...	...	83½	80	79	77	77
1st April ...	6 A.M.	83	81	80½	82½	81½	81	80
1st „ ...	12 NOON	...	...	90½	82	82	...	...
1st „ ...	6 P.M.	...	...	89	82½	81½	81	80
15th „ ...	6 A.M.	85	84	83	85	83	83	82
15th „ ...	12 NOON	...	...	87	84	83	...	...
15th „ ...	6 P.M.	...	...	86	85	83½	83	82
1st May ...	6 A.M.	86	86	85	87	85	85	84
1st „ ...	12 NOON	...	...	92	86	85½	...	...
1st „ ...	6 P.M.	...	...	86½	87½	86	85	85
15th „ ...	6 A.M.	87	87	85	89	88	87	87
15th „ ...	12 NOON	...	...	93	88	88	...	...
15th „ ...	6 P.M.	...	...	87	89	88½	88	87
1st June ...	6 A.M.	88	87	86½	90	89	88	88
1st „ ...	12 NOON	...	91	91½	88	88	...	...
1st „ ...	6 P.M.	...	87	88	90	89	89	88
15th „ ...	6 A.M.	88	90	86	87	87	87	85
15th „ ...	12 NOON	89	...	90	87	87	...	...
15th „ ...	6 P.M.	89	...	89	87	87	87	86
1st July ...	6 A.M.	84	83	81	83	81½	82	82
1st „ ...	12 NOON	86	83	83½	83	83	...	...
1st „ ...	6 P.M.	...	...	82	83	83	83	82
15th „ ...	6 A.M.	83	81	82	82	81	81	82
15th „ ...	12 NOON	85	83	83½	82	81½	...	...
15th „ ...	6 P.M.	...	...	83	82	81½	82	82
1st August ...	6 A.M.	...	79	78	80	79	79	79
1st „ ...	12 NOON	...	81	81½	79½	79	...	...
1st „ ...	6 P.M.	...	...	79	79	79	80	79
15th „ ...	6 A.M.	...	79	80	79	79	79	79
15th „ ...	12 NOON	78	81	80½	79	79	...	...
15th „ ...	6 P.M.	79	80	79	79	79	79	80
1st September ...	6 A.M.	...	...	81	80	80	81	82
1st „ ...	12 NOON	...	...	83½	80	80	81	82
1st „ ...	6 P.M.	...	...	83	80	80	83	82
15th „ ...	6 A.M.	...	...	83	82	81	82	83
15th „ ...	12 NOON	...	...	86	82	82	82	83
15th „ ...	6 P.M.	...	...	84	82	81	84	83

TABLE No. 6—*contd.*

Date 1896.	Time.	Vehar Lake.	Tulsi Lake.	Tansa Lake.	Malabar Hill Reservoir.		Bhandarwada Reservoir.	
					Inlet Channel.	Distributing Basin.	Inlet Channel.	Distributing Basin.
		°	°	°	°	°	°	°
1st October ...	6 A.M.	...	...	87	85	84	84	85
1st ,, ...	12 NOON	...	...	90	84	84	85	85
1st ,, ...	6 P.M.	...	...	89	85	84	86	86
15th ,, ...	6 A.M.	...	...	86	85	85	85	86
15th ,, ...	12 NOON	...	...	92	85	85	85	86
15th ,, ...	6 P.M.	...	...	89	84	84	87	87
1st November ...	6 A.M.	...	...	84	83	83	84	85
1st ,, ...	12 NOON	...	...	88	84	84	85	85
1st ,, ...	6 P.M.	...	...	88	82	82	86	86
15th ,, ...	6 A.M.	...	...	81½	82	82	82	82
15th ,, ...	12 NOON	...	...	85	83	82	82	83
15th ,, ...	6 P.M.	...	...	85	82	82	83	83
1st December ...	6 A.M.	...	...	80	80	80	81	81
1st ,, ...	12 NOON	...	...	85	81	81	81	82
1st ,, ...	6 P.M.	...	...	84	80	80	82	82
15th ,, ...	6 A.M.	...	...	78	80	79	78	78
15th ,, ...	12 NOON	...	...	79	80	80	78	78
15th ,, ...	6 P.M.	...	...	80	79	78	79	79

TABLE No. 7.

Dipping Wells, Fountains, &c.

283. Public Supplies of Water and their Situation on the 31st March 1897.

Wards.	Dipping Wells.	Drinking Fountains.	Standpipes.	Large Ornamental Fountains.	Cattle Troughs.	Total.
A Ward ...	2	10	8	8	5	33
B ,, ...	...	4	14	1	7	26
C ,, ...	...	9	10	1	1	21
D ,, ...	1	6	3	...	1	11
E ,, ...	5	8	16	5	7	41
F ,, ...	2	5	17	...	10	34
G ,, ...	...	7	15	...	5	27
Total...	10	49	83	15	36	193
Total 1895-96.	10	49	84	15	37	195

TABLE No. 8.

Notices Issued.

284. Statement showing the Number of Notices issued to Owners on account of faulty Taps and Service Pipes, &c.

Ward.	Stop Taps.	Service Pipes.	Taps, &c.	Miscellaneous.	Transferring connections.	Waste.	Meter fixing.	Total
A Ward ...	154	286	408	149	...	27	11	1,035
B " ...	224	386	1,125	22	...	10	36	1,803
C " ...	851	537	267	23	...	3	56	1,737
D " ...	211	337	1,236	105	...	168	73	2,160
E " ...	289	311	653	20	...	...	35	1,308
F " ...	98	117	667	32	18	47	21	1,000
G " ...	51	117	454	33	7	10	32	704
Total...	1,908	2,091	4,810	384	25	265	264	9,747
Total, 1895-96...	2,281	2,091	3,961	324	31	227	5	8,920

TABLE No. 9.

Sanctioned and Actual Number of Disconnections.

285. Statement showing Sanctions to disconnect Service Pipes for non-compliance with notices to repair fittings and number of disconnections.

Date on which sanction of the Standing Committee was asked. 1896-97.		Number sanctioned by the Standing Committee.	Orders issued.	Disconnections made.	Date on which sanction of the Standing Committee was asked. 1896-97.		Number sanctioned by the Standing Committee.	Orders issued.	Disconnections made.
April	8th	12	12	5	Brought over..		421	395	77
"	15th	6	4	1					
"	22nd	16	16	3	October	7th	26	26	1
"	29th	4	1	1	"	14th	25	25	2
May	6th	19	19	5	"	21st	29	29	2
"	13th	17	17	4	"	28th	15	15	1
"	19th	15	15	1	November	3rd	7	7	1
"	27th	14	11	0	"	11th	30	30	3
June	3rd	9	9	1	"	18th	22	22	3
"	10th	25	25	4	"	25th	23	23	4
"	17th	26	26	1	"	2nd	11	11	4
"	24th	13	13	1	December	9th	38	38	2
July	1st	43	43	3	"	16th	26	25	3
"	8th	11	11	2	"	23rd	7	7	3
"	15th	38	38	2	"	28th	7	7	5
"	22nd	14	14	2	"	6th	15	15	2
"	29th	22	21	5	January 1897	13th	5	5	1
August	5th	20	20	2	"	20th	16	16	3
"	12th	13	13	2	"	27th	16	16	4
"	19th	21	21	3	February	3rd	19	19	2
"	26th	13	13	0	"	10th	39	39	12
September	2nd	30	30	6	"	17th	22	22	4
"	9th	14	14	4	"	24th	20	20	8
"	16th	20	20	2	March	3rd	35	35	8
"	23rd	19	19	2	"	10th	6	6	1
"	30th	36	36	3	"	17th	29	29	4
					"	24th	22	22	1
					"	31st	22	22	0
Carried over..		421	395	77	Total 1896-97..		1,032	1,012	148
					Total 1895-96..		813	762	147

TABLE No. 10.

286. Water Connections made from 1st April 1896 to 31st March 1897.

Ward.	½"	¾"	1"	1¼"	1½"	2"	3"	4"	5"	6"	Over 6"	Total connections.	Total disconnections.	Net increase in connections.	Decrease in connections.
A Ward	22	6	7	6	...	...	1	1	...	...	...	43	15	28	...
B „ ..	37	14	8	1	...	...	...	...	...	...	...	60	70	...	10
C „ ...	54	10	6	...	...	...	...	...	...	...	..	70	23	47	...
D „ ...	46	19	10	...	1	...	...	...	...	...	...	76	27	49	...
E „ ...	57	19	12	1	1	1	3	...	...	...	...	94	60	34	...
F „ ...	68	8	1	1	1	...	1	1	...	...	...	76	20	56	...
G „ ...	51	9	4	...	3	...	1	...	...	...	...	68	15	53	...
Total...	335	80	48	9	6	1	6	2	...	...	...	487	230	267	10

TABLE No. 11.

287. Water Meters in use on the 31st March 1897.

Ward.	½"	¾"	1"	1¼"	1½"	2"	3"	4"	5"	6"	Over 6"	Total.
A Ward ...	88	68	131	9	25	47	62	19	2	9	...	460
B „ ...	63	18	33	2	4	8	3	1	1	3	2	138
C „ ...	77	18	50	...	6	2	16	...	...	...	...	169
D „ ...	91	36	115	1	9	5	7	8	...	1	...	273
E „ ...	77	40	83	4	20	36	37	14	...	8	...	319
F „ ...	98	17	39	1	12	8	8	5	1	1	...	190
G „ ...	259	92	77	5	14	5	21	12	1	9	...	498
Total...	753	289	528	22	90	111	154	59	5	31	2	2,047

Table No. 12.

288. Quarterly Consumption of Water through Meters during the year 1896 (January to December).

Wards.	1st Quarter, Jan. to March.	2nd Quarter, April to June.	3rd Quarter, July to Sept.	4th Quarter Oct. to Dec.,	Total.
	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.
A (private parties) ...	29,686,520	35,972,416	25,188,600	31,932,600	122,780,136
B „	22,360,750	23,937,317	17,624,085	20,367,135	84,289,287
C „	5,477,990	5,812,807	4,606,390	5,233,350	21,130,537
D „	26,302,030	22,005,936	18,528,485	23,870,620	90,707,071
E „	50,746,470	56,087,552	38,247,570	49,335,185	194,416,777
F „	20,014,065	24,566,441	9,872,750	13,815,020	68,268,276
G „	49,487,451	65,181,523	44,936,910	47,164,030	206,769,914
Kurla	6,230,780	8,282,421	3,425,151	5,897,200	23,835,552
Bandora	5,672,225	8,651,680	5,655,958	7,386,800	27,366,663
Government Properties...	38,274,635	39,554,422	29,237,660	38,745,670	145,812,387
Municipal „ ...	76,248,618	68,998,468	58,537,040	69,780,690	273,564,836
Total ...	330,501,534	359,051,003	255,860,599	313,528,300	1,258,941,435
Percentage ...	26·3	28·5	20·3	24·9	100·0
In 1895... Gallons ...	331,130,900	372,423,328	277,612,640	309,352,597	1,290,519,465
In 1895... Percentage ...	25·7	28·8	21·6	23·9	100·0
In 1894... Gallons ...	333,140,999	355,127,600	277,234,523	312,203,331	1,277,706,453
In 1894... Percentage ...	26·0	27·8	21·7	24·5	100·0

D.

MUNICIPAL BUILDINGS, &c.

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	Paras.
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The Executive Engineer, General and Street and Building Branches	327
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The Superintendent of Municipal Gardens ...	327
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NEW WORKS, GENERAL.

Works completed during the year 1896-97.

289. The following is a list of works, each costing over Rs. 3,000, (*a*) which were completed in 1895-96, but the accounts of which were not finally closed, (*b*) those in progress at the commencement of, and completed during the year under review, and (*c*) those undertaken and completed during the same period :—

Consecutive Numbers.	Description of Work.	Sanctioned grants.	Expenditure on completion.	Expenditure up to the end of March 1897.
	BUILDINGS, &c. Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Chals at Bori Bandar for the Bigaris of the Health Department...	66,000 0 0	49,974 2 8	
2	Chals at Bori Bandar for the Bigaris of the Market Department...	22,700 0 0	9,518 14 3	
3	Fire Brigade Station at Babula Tank	58,285 0 0	51,230 10 2	
4	Fire Brigade Station at Colaba...	26,468 0 0	24,935 11 6	
5	Fire Brigade Station at Sankli Tank—			
	Filling in of tank 67,197 0 0			
	Acquisition of Land 33,104 0 0			
	Buildings 1,07,905 0 0			
		2,08,206 0 0	.....	1,52,329 6 4
6	New Market at Colaba	1,00,300 0 0	94,393 15 11	
7	Wall and fencing along the southern boundary of the Victoria Gardens	3,600 0 0	2,675 1 4	
8	Offices at Null Bazar for the Executive Engineer's Department staff of Wards B. & C.	13,000 0 0	12,641 5 2	

Works completed during the year 1896-97—(*continued*).

Consecutive Numbers.	Description of Work.		Sanctioned grants.	Expenditure on completion.	Expenditure up to the end of March 1897.
	DRAINAGE WORKS.		Rs. a. p.	Rs. a. p.	Rs. a. p.
	Latrines.				
		Rs. a. p.			
9	Latrines at Parel Back Road	6,775 9 7		6,392 13 3	
10	Latrines in Worli Moti Pakhadi	3,047 10 0		.....	2,978 5 8
11	Latrines in Worli Middle Pakhadi	3,916 3 0		.....	3,847 1 10
12	Latrines in Parel village near the N. S. Depôt ...	3,762 0 0		2,786 2 9	
13	Latrines in Dharavi	2,987 0 0		2,75115 11	
14	Removing the hoop iron fencing on the north side of the latrine at Mahim and putting corrugated sheet partition in its stead	120 0 0		87 10 3	
15	Connecting the latrines and the hopper of the Colaba Night-soil Depôt with the 9″ pipe sewer	801 0 0		458 12 6	
16	Putting a corrugated galvanized sheet iron screen in front of the latrine at Calicut Street	199 0 0		155 13 11	
17	Improving water-supply and providing arrangements for flushing the old pattern latrines at Halalkhore Chals in Khursetji Suklaji Street	252 0 0		198 5 4	
18	Paving the ground in front of the latrines at the Byculla Bridge	262 0 0		192 5 7	
19	Constructing a screen and weather-frame in connection with the Charni Road latrine	240 0 0		212 3 4	
			22,362 6 7	13,236 2 10	6,825 7 6

	Urinals.											
20	Urinals in Cawasji Patel Tank Road	1,030	0	0				695	7	10		
21	Urinals in Chinch Bandar Road	1,096	0	0				516	12	11		
22	Urinals in Bell Lane	485	0	0				409	14	7		
23	Urinals in Grant Road	934	0	0				.....			24	14 11
24	Urinals at the junction of Bellasis Road with Duncan Road	1,154	0	0				864	5	8		
25	Urinals at the junction of Isaji Street and Barden Street	669	11	8				.....			10	13 4
26	Screen wall in front of the urinal in Homji Street ...	126	0	0				99	6	2		
27	Laying blue stone pavement round the new urinal at the corner of the Northbrook Street and draining the same	121	0	0				.....			54	2 6
	Catch-pits.				5,615	11	8	2,585	15	2	89	14 9
28	Catch-pits on pipe sewer in Fort	8,900	0	0				8,862	0	0		
29	Catch-pits on pipe sewers in Queen's Road and Girgaum	3,740	0	0				3,688	7	3		
30	Catch-pits at the junction of pipe drains in different places	15,000	0	0				14,969	3	3		
31	Catch-pits on branch drains in Queen's Road	6,425	0	0				3,625	10	9		
32	Catch-pits on branch drains in Fort	1097	0	0				752	10	9		
33	Catch-pits on pipe sewers at Agripada	1,854	0	0				319	0	0		
	Drains and Sewers.				37,016	0	0	32,217	0	0		
34	Arrangement of pipe sewer manholes for discharging sewage from one level to another without splash ...	.....			5,471	0	0	4,864	4	7		
35	Erecting special tidal flap for the mouth of the Sonapur drain	.....			4,400	0	0	4,376	11	8		
36	Construction of an open masonry drain in Elphinstone Road, Parel	.....			18,000	0	0	12,626	7	0		
37	Vent shafts on main sewers	.....			8,500	0	0	.....			1,591	14 0

Works completed during the year 1896-97—(*continued*).

Consecutive Numbers.	Description of Work.	Estimated cost.	Sanctioned grants.	Expenditure on completion.	Expenditure up to the end of March 1897.
	Drainage House Connections	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
38	Of the premises of Mr. Balvantrao Ramchandra Natu behind the Girgaum Post Office	1,660 0 0		1,482 6 5	
39	Do. Mr. Isabhai Mulla Abdulalli at Dhuswadi	174 0 0		134 6 4	
40	Do. Late Mr. K. T. Telang at No. 1 Mathew Road ...	940 0 0		814 4 2	
41	Do. Mr. Framji Kavasji at Ripon Road	396 0 0		312 10 4	
42	Do. Bai Rahamatbai at No. 64 Ripon Road...	160 0 0		142 11 8	
43	Do. Mr. N. H. Hormasji at Military Square Lane	727 0 0		673 9 3	
44	Do. Dr. J. G. Da Cuhna at Waudby Road	1,740 0 0		1,635 13 4	
45	Do. Mr. Framji Dadabhai Appu at Khetwadi 12th Lane ...	846 0 0		803 15 2	
46	Do. Mr. Jamsetji Novroji Tavaria at Bohra Bazar Street ...	1,228 0 0		1,220 11 4	
47	Do. Mr. Isufalli Ibrahimji at Carnac Road	1,702 0 0		1,283 10 3	
48	Do. Mr. Pir Mahamad Deoji at Nishanpada...	2,013 0 0		1,805 13 7	

49	Do.	Mr. Vinayak Narayan Mulagaonkar at 3rd Parsiwada...	943	0	0			772	15	0
50	Do.	Bai Rukhmini Vahauji at Mugbhat Lane	1,329	0	0			997	6	0
51	Do.	Mr. Mahamadkhan Fazalkhan at Haines Road	758	0	0			685	14	0
52	Do.	Mr. Isufalli Abdulalli at Bazar Gate Street	200	0	0			199	14	7
53	Do.	Bai Ladakbai Haji at Khetwadi 10th Lane	311	0	0			252	3	11
54	Do.	Mr. Haji Ahmed Husein at Falkland Road Cross Lane..	253	0	0			249	4	10
55	Do.	Mr. Doradji Gangaji at Dhuswadi	261	0	0			202	15	5
56	Do.	Mr. Isufalli Ebrahimji at Carnac Road	33	0	0			20	15	3
57	Do.	Mr. Tribhuwandas Jadhavji and Nasarvanji Dadabhai at Victoria Bandar, Lower Colaba.	662	0	0			521	2	5
58	Do.	Mr. Haji Adam Sidik at Foras Road	2,045	0	0			1,727	8	5
59	Do.	Messrs. R. A. Parakh & Co. at Foras Road	1,649	0	0			1,402	14	1
60	Do.	Mr. Vishwanath Murarrao at Girgaum Back Road, Barki Lane	693	0	0			595	4	3
61	Do.	Mr. Soni Ramji in Sutar Chal	39	0	0			38	15	2
		Carried forward ... Rs.	20,762	0	0			17,977	5	2

Works completed during the year 1896-97—(*continued*).

Consecutive Numbers.	Description of Work.		Sanctioned grants.	Expenditure on completion.	Expenditure up to the end of March 1897.
	Street portions of House. Drainage Connections	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Brought over ...	20,762 0 0		17,977 5 2	
62	Of the Frere Fletcher School at Napier Road... ...	63 0 0		57 1 7	.....
63	Of the premises owned by Mr. Nana Balaji at Kavasji Patel Tank Road	70 0 0		69 2 8	.....
64	Of the new Police Head-quarters opposite the Crawford Market	302 0 0		290 3 10	.....
65	Of the premises owned by Mr. Khatri Haji Esak Esu at Falkland Road	137 0 0		110 8 9	.....
66	Of the premises owned by Mr. Narayan Bhuj, Nos. 509-11, Dongri Street	52 0 0		35 6 10	.....
67	Of the premises of Rao Saheb Ellappa Balaram at the junction of Haines Road and DeLisle Road... ...	82 0 0		81 10 9	.....
68	Of the premises of Mr. Novroji Rustamji Dhumasha at Rope Lane	37 0 0		29 10 1	.....
69	Of the premises of Mr. Keshowji Jadhowji at Hummum Street	46 0 0		42 1 5	.....
70	Of the premises of Mr. Ebrahim Abdul Karim at Jairajbhai Cross Lane	23 0 0		22 13 11	.....
71	Of Tramway Company's Stable	164 0 0		.....	21 12 0
72	Of the premises of Mr. Mahamadalli Mulla Tyabji at Kalikat Street...	44 0 0		.....	39 2 10
73	Of the new privies in the compound of Jivraj Balu Spinning and Weaving Mill	63 0 0		.....	62 5 6

74	Of the privies at Bai Sakarbai Dinsha Petit Hospital at Parel Village Main Road	99	0	0						93	11 10
75	Of the premises of Mr. Byramji Navroji Dorabshet at Frere Road	374	0	0						249	13 8
76	Of the premises of Mr. Hari Hamraj in Kolbhatwadi ...	200	0	0						161	1 4
77	Of the premises of Mr. Anant Shiwaji Desai at 2nd Agiary Street	190	0	0						110	12 5
78	Of the premises of Mr. Mahamadbhai Rahimtulla in Mahamad Pakhadi	39	0	0						24	11 5
79	Of Milch Cattle stable, constructed by Bai Dhunbai K. M. Shroff, at Parel Tank Road	122	0	0						87	7 7
80	Of the stable of Mr. Haji Usman Dawood at Currey Road	41	0	0						33	1 11
81	Of the premises of Mr. Ismail Husein at Huzaria Street	36	0	0						11	11. 0
82	Of the premises of Bai Marimbibi at Parel Village...	49	0	0						44	0 10
83	Of the premises of Mr. Deoji Ramji, at 7th Kamathipura Street	35	0	0				24	8 7	.....	
	Miscellaneous.				23,030	0	0	18,740	9 7	939	12 4
84	Construction of a Temporary Office, Store Room and Workshops for the House connection staff	.....			3,275	5	0	2,552	11 5		
	Love Grove.										
85	Automatic sewage height recorders	.....			3,000	0	0	2,888	13 3		
86	Repairs to condensing tank at Love Grove	.....			5,000	0	0	1,846	0 9		

Works completed during the year 1896-97—(*continued.*)

Consecutive Numbers.	Description of Work.	Sanctioned grants.	Expenditure on completion.	Expenditure up to the end of March 1897.
	WATER WORKS.	Rs. a. p.	Rs. a. p.	Rs. a. p.
87	Quarters for the Inspector, Tansa Water Works, Mundola Division	3,932 0 0	3,502 11 11	
88	Diversion of 24″ main in Gibbs Road	9,125 5 0	5,434 8 4	
89	Laying 6″ main in Ballard Road	2,951 0 0	1,745 3 9	
90	Laying 12″ main in Parbhadevi Road	25,870 0 0	16,796 9 1	

Works in progress at the end of the year 1896-97.

290. The following statement gives the particulars of the works (each costing over Rs. 3,000) which were in progress at the close of the year and the probable dates of completion :—

Consecutive Numbers.	Description of Work.				Sanctioned Grants.			Expenditure up to end of March 1897.			Probable dates of Completion.
	BUILDINGS AND ROADS.										
		Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	
	Buildings.										
1	Bhuleshwar Markets and Schools	.....			4,50,000	0	0	3,92,615	12	7	31st May 1897
2	Quarters for the Chief Inspector, Water Works, and six sluicemen at Babula Tank—										
	Filling in of Tank	16,748	0	0							2nd Sept. 1894
	Buildings...	29,612	0	0							9th Nov. 1897
					46,360	0	0	14,424	3	0	
3	Quarters for the Animal-keepers in the Victoria Gardens	.....			6,900	0	0	100	8	0	28th Sept. 1897
4	Office-rooms for the Victoria Garden Staff	.....			5,500	0	0	27	0	0	28th Sept. 1897
5	Walls round the sides of the Hindu Burial Ground at Tank Bandar	.....			3,029	0	0	787	8	11	31st Mar. 1898
	Roads.										
6	Roads and Streets in Agripada and elsewhere—										
	Present state of grant and expenditure—										
	For Roads and Streets and Frontages	24,50,000	0	0							
	For Storm-water Drains in Morland, Souter and Club Roads and Gilder Street	1,28,288	0	0							
					25,78,288	0	0	25,02,429	15	5	
7	Road through Navroji Hill from the Elphinstone Bridge to Dongri Street	.....			3,32,023	0	0	57,068	11	0	

Works in progress at the end of the year 1896-97—*continued.*

Consecutive numbers.	Description of Work.		Sanctioned Grants.	Expenditure up to end of March 1897.	Probable dates of Completion.
	Roads—(continued).	Rs. a. p.	Rs. a. p.	Rs. a. p.	
8	Reay Road from Wari Bandar to Gunpowder Road, Mazagon	7,30,000 0 0			
	Victoria Road Extension	36,200 0 0			
	Burial Ground for Mahomedans and Beni Israels ...	2,41,955 0 0			
	To be paid by the Municipality... Rs. 8,51,655 To be paid by the Port Trustees „ 1,56,500	10,08,155 0 0	10,08,155 0 0	4,23,743 0 4	
9	Burial Ground for Mahomedans at Tank Bandar ...	.....	1,75,000 0 0	.....	
	DRAINAGE.				
	Catch-pits.				
10	Catch-pit on the Mint Road Sewer opposite the European General Hospital	.....	4,468 0 0	20 7 0	
	Sewers and Drains.				
11	Rebuilding and ovoiding with proper gradients the cutcha open drain on each side of the Northbrook Street	.....	4,211 0 0	2,564 9 3	30th April 1897.

	Miscellaneous Works.									
12	Renewing and repairing a portion of the double-barrlled storm-water drain in the Mint compound				6,735	0	0	2,800	3	7	
13	Converting Night-soil Depôts at Bhangi Mohla and Haines Road into Receiving Depôts...				15,587	0	0	633	8	0	
	WATER WORKS.									
14	Covering Storage Basin at the Bhandarwada Reservoir..	44,597	14	4						
	Constructing filters over it 1,15,500	0	0							
					1,60,097	14	4	1,17,391	4	4	
15	Removing and replacing filtering materials of No. 1 Filter Bed, Malabar Hill Reservoir				6,678	0	0	5,763	12	4	10th June 1897.
16	Quarters for Sub-Inspectors and Watchmen at Tansa Lake...				12,000	0	0	9,271	0	1	
17	Purchasing and fixing new pattern hydrants for watering roads and for Fire Brigade use				50,000	0	0	24,309	8	8	30th June 1897.
18	Further alterations and improvements at Malabar Hill Reservoir				75,000	0	0	21,833	10	9	10th June 1897
19	Plastering and pointing walls of the Old Settling Basin of the Bhandarwada Reservoir				24,000	0	0	22,041	10	3	21st June 1897.
20	Reconstructing a portion of the Tansa Duct at the end of the 45th mile				10,175	0	0	1,549	11	0	

MUNICIPAL BUILDINGS.

FIRE BRIGADE STATIONS.

291. The Corporation under their Resolution No. 5144, dated 14th August 1892, sanctioned the construction of eleven Fire Brigade Stations in different parts of the Island, of which ten stations, the particulars of which are given in the following statement, have been completed up to the end of 1896-97. The last station, *viz.*, that at the junction of Gamdevi and Gowalia Tank Roads will be taken in hand during the year 1897-98.

Fire Brigade Stations completed up to end of 1896-97.

292. The following statement shows at a glance the dates of commencement and completion, cost and other particulars regarding each of the ten Fire Brigade Stations which have been completed :—

Locality.	Names of Contractors.	Date of Commencement of Work.	Date of Completion of Work.	Sanctioned Grant for the Work.	Total Cost of Work including Contingencies and Establishment.	Savings.	REMARKS.
				Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba	Messrs. Ratanji Bezanji & Co..	30th October 1893.	30th June 1894.	26,468 0 0	23,952 9 8	1,532 4 6	
	Messrs. Dewram Keshowji & Co.	17th June 1896.	12th October 1896.		983 1 10		
Fort	Messrs. Spencer & Co. ...	6th January 1893.	28th February 1894.	36,201 0 0	31,454 7 2	4,746 8 10	
Bhuleshwar	Mr. Lakhmidas Shamji ...	11th April 1893.	7th December 1893.	52,815 0 0	51,589 10 8	1,225 5 4	
Mazagon	Messrs. Gangaram Lakahman & Co.	5th January 1893.	29th August 1893.	7,721 0 0	7,480 0 4	240 15 8	
Chinchpokli	Mr. Mancherji Kavasji Gazder	12th November 1894.	11th February 1895.	7,209 0 0	6,512 7 10	696 8 2	
DeLisle Road ...	Messrs. Mistri, Bhedwar, Vachaghandi & Co.	6th January 1893.	7th October 1893.	28,026 0 0	25,280 5 1	2,745 10 11	
Mahim	Do. do. ...	25th February 1893.	30th November 1893.	6,564 0 0	6,564 0 0	.....	
Dadar	Mr. Rastamji Nasarvanji Vachaghandi for filling in the Tank.	21st February 1893.	30th April 1893.	10,402 0 0	2,008 6 1	1,341 13 0	
	Messrs. Gangaram Laksman & Co., for construction of the building.	10th September 1894	10th May 1895.		7,051 12 11		
Babula Tank.....	Mr. Sayaji Naguji for filling in the Tank.	5th May 1893.	2nd Sept. 1894.	58,285 0 0	20,620 14 11	7,054 5 10	
	Messrs. Bhaskar Shivram and Dhondiba Hanmantrao for construction of the building.	10th May 1895.	30th April 1896.		30,609 11 3		
Sankli Tank.....	Mr. Sayaji Naguji for filling in the tank.	14th November 1892	10th Nov. 1893.		62,794 13 10	.....	The accounts are to be closed. The expenditure shown is up to 31st March 1897.
	Mr. Muncherji Kawasji Gazdar for construction of the building.	1st July 1895.	30th Nov. 1896.	2,08,206 0 0	59,541 7 6	.....	
	Land acquired from Mr. Navroji, Cabinet-maker.	.....	.....		29,993 1 0	.....	
			Total Rs. ...	4,41,897 0 0	3,66,436 14 1	19,583 8 8	

Fire Brigade Station at Babula Tank.

293. This work which was reviewed in the last Administration Report was completed on 30th April 1896.

294. The construction of the buildings of this station, which was entrusted to the contractors, Messrs. Bhaskar Shivram and Dhondiba Hanmantrao, was completed at a cost of Rs. 30,430-4-0.

295. The total expenditure on account of this station, including the cost of filling in the tank, has been Rs. 51,230-10-2, against the estimated amount of Rs. 58,285. Saving, Rs. 7,054-5-10.

296. The station was given over in charge of the Fire Brigade and occupied by them on the 1st May 1896.

Fire Brigade Station at Sankli Tank.

297. This work which has been fully described in the last Administration Report was completed on 30th November 1896.

298. The construction of the buildings of this station, which was entrusted to the contractor, Mr. Muncherji Cowasji Gazdar, was completed at a cost of Rs. 70,169-2-1.

299. The total expenditure up to 31st March 1897 on account of this station, including the cost of filling in tank, has been Rs. 1,52,329-6-4. The final accounts will be adjusted in the current year 1897-98.

300. The station and out-houses, &c., were given over in charge of the Fire Brigade and occupied by them on the 1st January 1897.

Fire Brigade Station at Gamdevi.

301. As stated in the Administration Report of 1895-96, the plans and estimates of the work of constructing the quarters for the Foreman of the Fire Brigade were submited to the Commissioner for his approval on the 5th June 1896.

302. The construction of a detached building for the accommodation of the Foreman and Engineer of the Fire Brigade and additional quarters for the lascars of the Brigade was sanctioned by the Corporation under their Resolution No. 5780 of 3rd September 1896.

303. Tenders for the work were invited, as usual, by advertisements in the local papers, but only one offer was received. As it was not possible to obtain skilled workmen and artificers owing to their having left Bombay on account of the Plague which was then raging, it was thought advisable to re-invite the tenders for the construction of the building at a future date and in the meantime to pull down the old building occupied by the Foreman and Engineer of the Fire Brigade.

CHALS, QUARTERS AND OFFICES FOR MUNICIPAL EMPLOYES, &c.

Quarters for the Chief Inspector and Sluicemen of the Water Works Department.

304. Tenders were invited for the construction of these quarters. Only two tenders were received and the lower one, *viz.*, that of Messrs. Dewram Keshowji & Co., was accepted by the Standing Commitee under their Resolution No. 5142 dated 19th August 1896.

305. Order to commence the work was given on 10th March 1897, and it is now in progress.

306. The total expenditure passed up to the end of the year under review has been Rs. 14,424-3-0.

Chals at Bori Bandar for the Bigaris of the Health and Market Departments.

307. The latrines in connection with these chals which were being constructed, as stated in the last Annual Administration Report, departmentally by the Drainage Branch of this Department were completed in June 1896 at a total cost of Rs. 9,196-12-10.

308. The total cost of the chals for the bigaris of the Health Department has been Rs. 49,974-2-8 against the sanctioned grant of Rs. 66,000. Saving, Rs. 16,025-13-4.

309. The total cost of the chals for the bigaris of the Market Department has been Rs. 9,518-14-3 against the sanctioned grant of Rs. 22,700. Saving, Rs. 13,181-1-9.

310. A portion of this saving is due to the fact that the land for which provision was made in the original estimates was not required to be purchased, as the chal was built on the land belonging to the Municipality adjoining that on which the chals for the Health Department bigaris have been constructed.

Quarters for the Animal-Keepers in the Victoria Gardens and Office for the Staff of the Victoria Gardens.

311. The Corporation under their Resolution No. 14171 of 5th March 1896, sanctioned a sum of Rs. 6,900 for constructing quarters for the Animal-keepers and Rs. 5,500 for constructing an office for the staff of the Victoria Gardens.

312. Tenders for the works were invited in the usual way. Only one tender, *viz.*, that of Mr. Deoram Keshowji was received and was accepted by the Standing Committee under their Resolution No. 10083 of 30th December 1896.

313. The order to commence the works was given on 29th March 1897, and they are now in progress.

314. The total expenditure passed up to the end of the year under report has been Rs. 127-8-0.

Ward Offices for the Street and Building Branch of the Executive Engineer's Department at Null Bazar.

315. As reported in the last year's Report the main building was completed and occupied on the 16th November 1895. The reconstruction of the latrines was taken in hand departmentally by the Drainage Branch of this Department and completed at a total cost of Rs. 1,013-15-3.

316. The total cost of the construction of these offices has been, Rs. 12,641-5-2 against the sanctioned grant of Rs. 13,000. Saving, Rs. 358-10-10.

Ward Office for the Streets and Buildings Branch of the Executive Engineer's Department, at Gamdevi.

317. This work was sanctioned by the Corporation under their Resolution No. 5777 of 3rd September 1896.

318. Tenders for the work were invited as usual, by advertisements in the local papers, but only one offer was received. As it was not possible to obtain skilled labour to carry out the work satisfactorily and within the required time owing to the exodus of the inhabitants from Bombay on account of the Plague which was then raging, it was thought advisable to re-invite tenders for the construction of the building at a future date, and in the meantime, to pull down the ward office and to construct a temporary one for the accommodation of the clerks.

MUNICIPAL MARKETS, STABLES, &c.

Construction of Quarters for Bigaris at the Colaba Market and of a Store-room for the Fire Brigade, at Colaba.

319. The Corporation, under their Resolution No. 11928, dated 20th January 1896, sanctioned a sum of Rs. 2,764 for constructing quarters for Bigaris employed in Colaba Market and Rs. 1,173 for constructing a detached store room for coal, &c., at the Colaba Fire Brigade Station.

320. Notices inviting tenders for the work were published in the local papers as usual. Only two tenders were received and that of Mr. Dewram Keshowji, the lower of the two tenders, was accepted by the Commissioner.

321. The order to commence the work was given on 17th June 1896. It was completed on 12th October 1896 at a total cost of Rs. 3,299-11-2 against the sanctioned estimated cost of Rs. 3,937. Saving, Rs. 637-4-10.

Bhuleshwar Market and Schools.

322. This work which has been fully described in the previous Administration Reports was very nearly completed at the close of the year under review,

323. The total expenditure passed up to the end of the year was Rs. 3,92,615-12-7.

Building Compound Wall at the Hindu Tank Bandar Burial Ground.

324. The annual repair contractors, Messrs. Sullemanji Mulla Abdulalli & Co., were directed on 21st November 1896 to recommence this work which, as stated in the last Annual Report, was suspended on account of certain persons having claimed the ownership of the land on which the boundary walls were to be constructed, but the further progress was again impeded owing to the Port Trustees disputing the correctness of the boundary line between the Municipal and Port Trust properties.

325. The total expenditure passed on account of this work up to the 31st March 1897 has been Rs. 787-8-11.

326. The following statement gives the particulars of Petty Works executed during the year 1896-97 :—

Number.	Description of Work.	Amount of sanctioned Grant.	Work entrusted to	Date of Commencement.	Date of Completion.	Total Cost of Work.
		Rs. a. p.				Rs. a. p.
1	Boundary fence on the side of the Dhobiwada ground between Arthur and Haines Roads.	822 0 0	Messrs. Sullemanji Mulla Abdulalli & Co.	April 1896 ..	July 1896 ..	605 7 3
2	Bullock stables in the Victoria Gardens.	200 0 0	"	June 1896 ..	July 1896 ..	166 14 7
3	Rest house in the Hindu Cemetery at Haines Road.	1,004 0 0	"	April 1896 ..	Aug. 1896 ..	808 5 4
4	Paving ground under dust-bin carts.	560 0 0	"	May 1896 ..	Feb. 1897 ..	468 10 1
5	Wall and fencing along the southern boundary of the Victoria Gardens.	3,600 0 0	"	June 1896 ..	Sept. 1896 ..	2,675 1 4
6	Shed for keeping distrained carriages for the Assessment Department.	1,864 0 0	"	May 1896 ..	Jan. 1897 ..	1,393 7 4
7	Paving the passage at the north and west of the Fort Market.	903 0 0	"	July 1896 ..	Nov. 1896 ..	692 2 9
8	Renewing roofs of certain animal cages in the Victoria Gardens.	999 0 0	"	Nov. 1896 ..	Feb. 1897 ..	632 10 5
9	Providing punkahs in the Municipal Council Hall.	1,177 0 0	Partly to Municipal Workshops, partly to Messrs. N. Samsudin Mahomed & Co., partly to Mr. Ardeshir K. Patel, partly to Messrs. Lund & Blockley.	Nov. 1896 ..	Mar. 1897 ..	954 5 11
10	Putting up a screen to shut off from view the dust-bin carts in Apollo Street, opposite Messrs. J. Roberts & Co.'s Workshops.	270 0 0	Messrs. Sullemanji Mulla Abdulalli & Co.	June 1896 ..	June 1896 ..	228 14 11
11	Fencing the Municipal ground at Kamathipura Milch Cattle Stable.	211 0 0	"	Feb. 1897 ..	Mar. 1897 ..	157 8 8

REPAIRS TO MUNICIPAL BUILDINGS.

327. The following statement gives the particulars of the cost of Repairs to, and Maintenance of, Municipal Buildings during the year 1896-97 :—

Consecutive Numbers.	Names of the Buildings.	Amount apportioned.	Actual Expenditure.
	Buildings in charge of the Executive Engineer.	Rs. a. p.	Rs. a. p.
1	Municipal Workshops Buildings	43 0 0	7 11 9
2	Do. Stores Buildings and Bungalow, (Grant House)	503 0 0	435 12 9
	Contingencies	54 0 0	5 10 8
3	A Ward Office (S. & B.)	75 0 0	2 0 2
4	B & C Ward Offices (S. & B.)	25 0 0	....
5	D Ward Office (S. & B. and Assessment)	466 0 0	7 1 10
6	E do. do. (S. & B.) at Sankli Tank	102 0 0	100 6 5
7	E do. do. (Assessment)	100 0 0	0 14 2
8	F & G Ward Offices (S. & B. and Assessment)	150 0 0	115 2 11
9	Queen's Statue	100 0 0	181 7 9
10	Flora Fountain	80 0 0	....
11	Prince of Wales' Statue	70 0 0	2 4 8
12	Dr. Blaney's Statue	30 0 0	....
13	Chal at Dadar	125 0 0	16 11 10
14	Kerosine Oil Godown at Bellasis Bridge Depôt	50 0 0	....
15	Photometer house at Parel	25 0 0	15 12 11
16	Miscellaneous Works	148 0 0	101 14 7
	Contingencies	164 0 0	12 0 0
17	Municipal Office Building	2,727 0 0	2,129 13 8
	Contingencies	273 0 0	140 0 0
	Buildings in charge of the Secretary and Curator, Victoria and Albert Museum.		
18	Victoria and Albert Museum	375 0 0	330 6 4
	Contingencies	38 0 0	21 0 0
	Buildings in charge of the Chief Officer of the Fire Brigade.		
19	Fire Brigade Station in the Fort	150 0 0	43 11 0
20	Do. do. at Gowalia Tank Road	15 0 0	7 9 2
21	Do. Foreman's and Engineer's quarters at Gowalia Tank Road.	39 0 0	27 4 2
22	Do. Lascars' quarters at Malabar Hill	50 0 0	4 10 5
23	Do. Manual Engine Station at Malabar Hill	20 0 0	2 1 5
24	Do. Station at Chinchpokli	120 0 0	108 6 10
25	Do. do. at Colaba	787 0 0	772 9 2
26	Do. do. at DeLisle Road	50 0 0	18 13 6
27	Do. do. in Peddar Market	25 0 0	5 6 2
28	Do. do. at Mahim	25 0 0	....
29	Do. do. at Bhuleshwar	36 0 0	15 15 4
30	Do. do. at Naigaum	25 0 0	4 4 10
31	Miscellaneous works	50 0 0	3 4 4
	Contingencies	139 0 0	78 0 0
32	Additions and alterations to Lascars quarters of the Chinchpokli Fire Brigade Station.	334 0 0	232 2 3
	Buildings in charge of the Superintendent of Markets.		
33	Colaba Market	100 0 0	58 3 9
34	Fort Market	200 0 0	180 10 4
35	DeLisle Road Sheep and Goat Market	100 0 0	75 6 4
36	Arthur Crawford Mutton Market	100 0 0	18 1 0
37	Do. Fruit and Vegetable Market and Superintendent's Bungalow.	2,380 0 0	1,989 10 1
38	Do. Fish Market	500 0 0	427 5 5
39	Do. Beef Market	300 0 0	151 4 7
40	Do. Tea and Purveying Shops	35 0 0	21 2 7
41	Do. Fowl Rooms	75 0 0	7 11 4
42	Do. Market Godown	885 0 0	237 2 3
43	Do. Market Bigaris' Chali	50 0 0	....

Consecutive Numbers.	Names of the Buildings.	Amount apportioned.	Actual Expenditure.
		Rs. a. p.	Rs. a. p.
44	Pork Market, Lohar Street..	50 0 0	17 2 9
45	Erskine Road Fish and Meat Markets	500 0 0	405 4 7
46	Do. Fruit and Vegetable Markets..	450 0 0	103 10 0
47	Pedder Market	200 0 0	5 9 5
48	Foras Road Market	100 0 0	21 8 4
49	Bandora Slaughter-houses	515 0 0	514 10 6
50	Do. Cattle Inspection Shed	2,045 0 0	1,090 3 4
51	Do. Inspector's and Jemadar's House	100 0 0	41 12 9
52	Do. Sepoys' Chal	284 0 0	69 6 4
53	Do. Butchers' Chal	500 0 0	223 13 6
54	Do. Bullock Hospital	300 0 0	93 6 7
55	Do. Cattle Standing Shed	100 0 0	55 6 3
56	Do. Superintendent's Quarters	200 0 0	181 5 10
57	Do. Bullock Stable	225 0 0	200 9 3
58	Do. Commissariat Shed	300 0 0	264 0 5
59	Compound of the Bandora Slaughter House	10 0 0	....
60	Bandora Bigaris Chal Nos. 1 and 2	300 0 0	122 11 8
61	Miscellaneous works..	50 0 0	0 9 6
	Contingencies	1,046 0 0	402 8 0
	Buildings in charge of the Executive Health Officer.		
62	Chal at Modi Bay	130 0 0	128 14 10
63	Bori Bandar Chals	80 0 0	52 13 8
64	Do. Stables	327 0 0	304 2 2
65	Inspector's Office at Bori Bandar	2 0 0	1 5 10
66	C Ward Stable..	150 0 0	121 1 8
67	D Do.	20 0 0	4 8 11
68	Stables, 10th Kamathipura Street	739 0 0	733 10 1
69	Chinchpokli Stable	....	....
70	F and G Ward Stables at Dadar	115 0 0	60 7 10
71	Small-pox Hospital at Arthur Road	120 0 0	109 10 4
72	Cholera Hospital at Grant Road	30 0 0	9 0 5
73	Miscellaneous Works..	80 0 0	54 6 8
	Contingencies	207 0 0	206 12 10
74	Mahalkhore Chal at Sukhajl Street	200 0 0	164 9 7
75	Bullock Stable at Colaba	156 0 0	44 6 1
76	Mahim Stable	80 0 0	55 1 1
77	Chal No. 1, Colaba	20 0 0	4 15 6
78	Chal No. 2, Colaba	25 0 0	18 14 3
79	Lower Colaba N. S. Depôt	30 0 0	14 2 10
80	Khara Tank N. S. Depôt	50 0 0	15 5 4
81	Carnac Road N. S. Depôt	150 0 0	139 12 2
82	Sonapur N. S. Depôt..	90 0 0	....
83	Girgaum N. S. Depôt	525 0 0	453 6 10
84	Kamathipura N. S. Depôt	275 0 0	242 5 10
85	DeLisle Road N. S. Depôt	25 0 0	....
86	Mazagon N. S. Depôt	30 0 0	21 15 1
87	Valpakhadi N. S. Depôt	10 0 0	5 4 9
88	Golanji Hill N. S. Depot	20 0 0	2 8 9
89	N. S. Depôt on Flats..	135 0 0	110 12 1
90	The Night Branch Stable at Sukhlaji Street	815 0 0	507 12 4
91	Privies and Urinals	1,000 0 0	872 3 2
92	Repairs and alterations to one of the Water Tanks at the B. B. N. S. Depôt.	410 0 0	336 14 1
	Contingencies	364 0 0	115 1 6
93	Cemetery Offices and Chal at Haines Road	45 0 0	20 5 10
	Contingencies	5 0 0	....
94	Mahaluxmi Dhobiwada and Shops	1,250 0 0	612 3 10
	Contingencies	125 0 0	67 0 0
95	Falkland Road Dharumsala	182 0 0	32 1 5
	Contingencies	18 0 0	1 8 0
96	Milch Cattle Stable at Modi Bay	240 0 0	220 5 1
97	Do. do. at Kamathipura	275 0 0	221 15 11
98	Do. do. at Agripada	410 0 0	395 5 11
99	Chal at Agripada Milch Cattle Stable	94 0 0	87 0 7
100	Chal at Kamatipura Milch Cattle Stables	85 0 0	....
	Contingencies	111 0 0	31 0 0
101	Providing barbed wire fence round the Municipal ground at the Kamathipura Milch Cattle Stable.	211 0 0	157 8 8
	Buildings in charge of the Superintendent of Gardens.		
102	Victoria Gardens buildings	454 0 0	284 4 4
	Contingencies	46 0 0	25 0 0

Consecutive Numbers.	Name of the Buildings.	Amount apportioned.			Actual Expenditure.		
		Rs.	a.	p.	Rs.	a.	p.
103	Elphinstone Circle Garden buildings	136	0	0	101	14	10
	Contingencies	14	0	0	4	8	0
104	Falkland Road Garden buildings	68	0	0	....		
	Contingencies	7	0	0	....		
105	Northbrook Garden buildings	68	0	0	....		
	Contingencies	7	0	0	....		
	Buildings in charge of the Executive Engineer, Drainage Branch.						
106	Churney Road Chauki	273	0	0	108	0	11
107	Bapty Road do.	114	0	0	68	9	0
108	Bellasis Bridge Pipe Depôt	90	0	0	79	9	5
109	Foras Road Chauki	14	0	0	1	14	2
110	Carnac Road N. S. Depôt Servants' Quarters	9	0	0	....		
	Contingencies	50	0	0	12	0	0
111	Engine House (Love Grove Pumping Station).. ..	96	0	0	33	14	0
112	Boiler House, including coal shed and shred lifter	25	0	0	23	5	2
113	Engineer's Quarters, &c.	251	0	0	140	2	1
114	Old and New Servants' Quarters	63	0	0	53	11	7
	Contingencies	45	0	0	....		
115	Love Grove Sluice Houses	316	0	0	311	1	9
116	Worli Koliwada Sluice	197	0	0	186	1	7
117	Dharavi Road Sluice..	164	0	0	135	4	0
118	Sluices at Carnac Bunder, Marine Lines and Khetwadi ..	198	0	0	197	14	10
	Contingencies	25	0	0	....		
119	Colaba Engine House	182	0	0	18	8	5
	Contingencies	18	0	0	10	0	0
	Buildings in Bombay in charge of the Executive Engineer, Water Works.						
120	Chinchpokli Stores, Bungalow, Office and Chals	205	0	0	....		
121	Bhandarwada Inspector's Quarters and Chals	400	0	0	189	11	1
122	Chinchpokli Sluice House (32″)	144	0	0	5	5	10
123	Mahim Sluice House (24″)	40	0	0	17	12	6
124	Sion do. do.	10	0	0	4	2	10
125	Bholwada do. do.	50	0	0	12	2	10
126	Haines Road Sluice House	20	0	0	....		
127	Dadar do. do.	20	0	0	4	2	10
128	Matunga do. do.	20	0	0	12	8	9
	Contingencies	91	0	0	45	0	0
	Buildings outside Bombay in charge of the Executive Engineer, Water Works.						
129	Lineman's Shed at Ghatcoper	50	0	0	43	9	0
130	Do. at Kutchera Ground	91	0	0	86	1	0
131	Do. at Kurla Creek	146	0	0	145	8	9
132	Do. at Sion	58	0	0	43	9	0
133	Painting to Railway Overbridge at Ghatcoper..	75	0	0	70	0	0
	Contingencies	52	0	0	26	0	0
134	Lineman's shed at Agra Road, South	42	0	0	40	8	0
135	Do. at Pogaum Siphon, North	97	0	0	53	2	0
136	Do. at Siphon No. 5, North	133	0	0	59	4	0
137	Do. at Gandowlee	94	0	0	89	6	0
138	Do. at Kapurbawdi	143	0	0	125	2	4
139	Painting No. 3, Bassein Creek Bridge	875	0	0	867	4	11
	Contingencies	140	0	0	70	0	0
140	Lineman's shed at the North of Newada Siphon	68	0	0	67	6	11
141	Newada Bungalow	18	0	0	17	15	5
142	Labourers' sheds at North of Newada Siphon..	126	0	0	125	14	3
143	Lascars' chal at Tansa	38	0	0	37	2	9
144	Out-houses of Inspector's Quarters at Khaling	135	0	0	132	5	0
145	Labourers shed at North of Mandola Siphon	8	0	0	5	8	0
146	Lineman's shed at North of Mandola Siphon	7	0	0	2	12	0
147	Do. South of do.	7	0	0	4	12	1
148	Labourer' shed at North of Khaling Siphon	8	0	0	7	8	0
149	Lineman's shed at North of Khaling Siphon	6	0	0	....		
150	Do. at North of Agra Road Siphon	5	0	0	2	12	0
151	Labourers' shed at North of Agra Road Siphon	8	0	0	5	10	0
152	Bungalow at Tansa	84	0	0	80	3	4
153	Do. at Newada	15	0	0	14	15	2
154	Do. at Khaling	99	0	0	98	5	6
155	Linemen's shed at Khosta	50	0	0	48	4	0
156	Do. at the north of Agra Road Siphon	50	0	0	47	4	0
	Contingencies	62	0	0	31	0	0

E.

REGULATION OF STREETS AND BUILDINGS.

	Paras.
Applications for building or rebuilding houses ...	328
Notices and Summonses issued	329 to 334
Buildings or parts of buildings which fell down ...	335 & 336
Removal of ruinous houses, huts, objectionable constructions, doors, projections and encroachments ...	337
Street improvement, set-backs, &c.	338 to 346
Municipal ground sold or exchanged	347

BUILDING APPLICATIONS.

328. The number of applications for permission to either build or rebuild houses, &c., during the year under report amounted to 1,261 or 39 more than those received during the preceding year. Of these 1,226 were passed either wholly or partially and only 35 were unconditionally disapproved on sanitary and other grounds.

NOTICES AND SUMMONSES ISSUED.

329. During the year under review, 4,119 notices were issued on house-owners under various sections of the Municipal Act, or 159 less than those issued during the previous year.

330. The following statement shows the number of notices issued and the sections of the Municipal Act under which they were issued :—

Sections of Municipal Act.	Particulars.	Number of Notices.
231	To provide rain-water eaves, gutters, and downtake pipes	288
247	To provide privy accommodation to new buildings.....	8
257	To remove encroachment on privy, drain, house-gully, &c.	29
299	Intimation of intention to take possession of land outside buildings for street improvement.....	51
308	To remove new projections.....	71
309	To remove old projections	5
311	To remove or alter doors or windows opening over streets.....	21
329	To fence or enclose tanks, wells, and dangerous places	5
349	To remove inflammable materials in external walls and roof coverings	994
351	To remove structures erected without Municipal approval or submitting plans for the same	294
353	To remove buildings erected contrary to the provisions of the Act and Building Bye-laws.....	325
354	To pull down ruinous houses	321
380	Removing or altering insanitary huts or sheds.....	13
383	To cut or trim trees hanging over streets	2
426	Demolishing insanitary structures to prevent the spread of infectious diseases	586
488	Intimation of intention to enter houses after 24 hours' notice.....	926
488	Intimation of intention to enter houses after 48 hours' notice	62
I	Notices issued under the Epidemic Diseases Act. Section I	42
I & IX	Notices issued under the Epidemic Diseases Act. Sections I & IX	76
	Total ...	4,119

331. Three hundred and sixty-six summonses were issued under different sections of the Municipal Act against the house-owners who failed to comply with the notices served upon them.

332. In 198 of these cases the parties complied with the terms of the notices served upon them before the service of the summonses; in 15 cases the parties were warned and discharged by the Magistrates; in 25 cases the parties were convicted and fined; 78 cases were postponed to year 1897-98, and in 31 cases second summonses, and in 13 third summonses, and in 6 fourth summonses were issued. The amount of fine realised was Rs. 304-8-0.

333. Fifteen witness summonses were issued during the year under review.

334. The following statement shows the different sections of the Act under which offenders were prosecuted and other details of the prosecutions during the year 1896-97 :—

Superintendents.	Number of Sections of the Act.	Number of Summonses issued.	Cases withdrawn as requirements were complied with, &c.	Persons warned and discharged.	Persons convicted and fined.	Cases postponed to next year 1897-98.	No. of 2nd Summonses.	No. of 3rd Summonses.	No. of 4th Summonses.	Amount of Fines.
										Rs. a. p.
Supdt., Southern Division.	231	44	41	2	...	1	...	...	...	.....
	247	7	5	...	2	...	...	...	...	11 0 0
	257	9	4	...	1	3	1	...	...	5 0 0
	308	3	1	...	1	1	...	...	...	20 0 0
	311	8	5	...	...	2	...	1	...	.....
	312	3	1	1	...	1	...	...	...	.....
	322 (*b*)	24	9	1	1	7	6	...	...	5 0 0
	322 (*c*)	8	4	...	2	2	...	...	...	10 0 0
	349	1	1	...	...	...	...	...	...	.....
	353	75	24	8	12	26	5	...	...	286 0 0
Supdt., North-West Division.	231	4	2	...	..	1	1	...	...	.....
	247	1	1	...	...	...	...	...	...	.....
	257	2	1	...	...	1	...	...	...	.....
	305	18	2	...	...	...	...	10	6	.....
	308	10	6	...	...	2	2	...	...	.....
	311	3	2	...	...	...	1	...	...	.....
	322 (*b*)	1	1	...	...	...	...	...	...	.....
	322 (*c*)	2	2	...	...	...	...	...	...	.....
	329	4	4	...	...	...	...	...	...	.....
	349	2	2	...	...	...	...	...	...	.....
	353	51	28	1	1	15	6	...	...	5 0 0
Supdt., N.-E. Division.	231	1	...	...	...	1	...	...	...	.....
	308	5	3	...	...	1	1	...	...	.....
	309	2	2	...	...	...	...	...	...	.....
	322 (*c*)	5	5	...	...	...	...	...	...	.....
	353	61	38	...	2	14	5	2	...	10 0 0
	380	12	4	2	3	...	3	...	...	2 8 0
Total...	...	366	198	15	25	78	31	13	6	304 8 0

BUILDINGS OR PARTS OF BUILDINGS WHICH FELL DOWN.

335. During the year under report 37 buildings or parts thereof fell down. In 31 of these cases there was no injury to life, but in 6 cases 10 persons were injured and 4 killed.

336. The following statement gives the particulars of the houses that fell down :—

Statement of Houses which fell wholly, or partially, during the year 1896-97.

No.	Names of House-owners.	Locality.	No. of Houses.	Particulars of Structures that fell.	Date of Accident.	Casualties.		Remarks.
						Persons killed.	Persons injured.	
	A Ward.				1896.			
1	Mr. Bhagwandas Narotamdass.	Mody Street	225-227	A portion of the west wall.....	9th April	*Nil.*	*Nil.*	
2	Bombay Gymkhana Boat House.	Apollo Bunder	...	Covering of roof consisting of corrugated iron.	21st June	,,	,,	
3	Mr. Allibhai Bhimjibhai Bori.	Channa Street	43	Side wall.....	,,	,,	,,	
4	Mr. Sorabjee Kharshedjee Seth.	Gunbow Street	11	A weather frame	30th July	,,	,,	
5	Mr. Dayabhai Tapidas.....	Dwarkadas Street	14-30	South wall of one compartment of the 3rd floor.	4th ,,	,,	,,	
6	Mr. Pestonjee Framjee Durjee.	Nanabhai Lane	14-16	The whole of the rear portion.	2nd Aug.	,,	,,	
	B Ward.							
7	Mr. Abdul Tyeb Fattealli.	Bhajipala Street	28-30	A portion of the roof	31st Mar.	*Nil.*	*Nil.*	
8	Mr. Haji Usman Tar Mahamad.	Old Nagpada Street.....	2-14	Three bays of the north wall on ground and 1st floors.	5th July	,,	,,	
9	Mr. Nansey Kheraj	Tindal Street	34-36	One bay of the 1st floor and three bays on the ground floor of the north wall.	13th ,,	,,	,,	
10	Bai Mankurbai, widow of Manchand Nana.	Musjid Bunder Road ...	122-124	A portion of the west wall on the 2nd floor.	23rd ,,	,,	,,	
11	Abdulla Haji Dawood.....	Jackeria Musjid Street..	345-347	Plaster on the south-west corner of the 3rd floor and pieces of cornice.	25th ,,	,,	1	

Statement of Houses which fell wholly, or partially, during the Year 1896-97—*continued.*

No.	Names of House-owners.	Locality.	No. of Houses.	Particulars of Structures that fell.	Date of Accident.	Casualties.		Remarks.
						Persons killed.	Persons injured.	
					1896.			
12	Mr. Haji Hasam Haji Abdula Nurani.	Memonwada Road.....	19-21	A portion of the south and a portion of the rear floor in one bay	29th July	*Nil.*	*Nil.*	
13	Mr. Jalbhoy Ardeshir Sett.	Nowroji Hill Road	51	A portion of the west wall on the 2nd floor.	„	„	„	
14	Mr. Dhurmaji Vithoo	Nowroji Hill 3rd Road..	5	A portion of the west wall in the front.	5th Aug.	„	„	
15	Mr. Valubhdas Bhagwandas.	Nagdevi Street	332-338	Portion of the south wall on the 1st and 2nd floors.	10th „	„	„	
16	Bai Rasalbibi bin Haji Gulam Hussein.	Old Nagpada.....	102	A portion of the west wall and portion of flooring of the 1st bay from the west.	14th Dec.	„	„	
17	Mr. Nur Mahamad Jairajbhoy Peerbhoy.	3rd Don Tar Cross Lane.	15	Rear terrace and privies	12th „	„	„	
18	Mr. Hansraj Surji	Kazi Syed Street	21	Flooring of the 1st bay from the west of the 4th floor.	18th „	„	„	
	C Ward.							
19	Mr. Gopal Dayal Narsi ...	Old Hanuman Lane.....	2-4	South and west walls	19th Apr.	*Nil.*	*Nil.*	
20	Bai Anjibai, wife of Mr. Musaji Manglaji.	Bhimji Mohla	12	Rear side of the house.....	22nd „	„	„	
21	Mr. Haji Abdula Kur.....	Ali Umar Street	164–166	Rear portion	24th June	„	„	
22	Bai Hirabai, widow of Mr. Hansraj Ramji.	Bapu Khote Street	169	Do.	„	„	„	
23	Mr. Edalji Cowasji Cooper.	2nd Pinjrapole Lane.....	22-24	North-east corner of the roof.	15th Aug.	„	„	
	D Ward.							
24	Bai Saraswatibai, wife of Bhai Gopal.	Chandanwadi Cross Lane	100	Half portion of the roof	22nd May	*Nil.*	*Nil.*	
25	Mr. Jiwanji Jamshedji Mody, Secretary, Parsee Panchayet.	Nepean Sea Road.....	...	Portion of compound wall above natural ground.	22nd June	1 child	1 child	
26	Mr. JamshedjiNassarwanji Mody.	Do.	101	Two-thirds of the tiled roof verandah.	„	*Nil.*	*Nil.*	
27	Mr. Anandrao Luxuman, Executor of the late Bai Sukoobai Dhoroo.	Cow Lane	7	North and east walls of the top floor.	„	„	„	

28	Mr. Bhaidas Mathooradas.	Khatarally Lane, Haudas Wadi.	11	West bay of the two topmost story.	2nd Aug.	„	4	Bigaris slightly injured.
29	Mr. Marathi Sayajee Seempee.	Falkland Road 3rd Cross Lane.	13	South external wall.....	8th „	„	*Nil.*	
30	Mr. Maneklal Gangadas ...	Falkland Road Musjid Cross Lane.	1	Portion of the west wall near the stair case.	9th „	„	„	
31	Mr. Sadanand Trimback Kale.	Ovalwadi, Mughbhat Street.	7	Greater portion of the north external wall.	10th „	„	„	
32	Mr. Abiden Camroodin ...	Junction of Falkland Road and Falkland Road 7th Cross Lane.	11	North external wall	20th Feb. 1897.	„	„	
	E Ward.							
33	Bai Pirozbai Sorabji Cowasji Lah.	Clare Road	18-20	The whole shed	1896. 3rd May	2	1	
34	Mr. Dinshaw Dorabji Mistry.	New Gilder Street	74-1	Whole chawl.....	1st Aug.	*Nil.*	*Nil.*	
	F Ward.							
35	Mr. Haji Mahamad Esmail (deceased). The Trustee at present is Mr. Kasam Alarakhia.	Kala Chowki Road	31-E	Open terrace between the two chawls.	1st April	1 child	3	
	Do. do. ...	Do.	31-F					
36	Mr. Haji Tyab Hamid ...	.....	31-G					
	Messrs. E. D. Sassoon & Co., Agents, Jacob Sassoon Mills.	Curry Road	71	Corrugated iron sheet of the roof.	21st June	*Nil.*	*Nil.*	
	G Ward.							
37	Mr. Dadoo Idrus	Durga Street, Mahim ...	23	Portion of south wall	5th Aug.	*Nil.*	*Nil.*	
38	Mr. Jehanghir Hormusji Mody.	Do. ...	63	Do.	„ „	„	„	
39	Mr. Luxuman Babaji	Worli, Koliwada	144	Portion of the north wall ...	16th „	„	„	
40	Bai Jankibai	Do.	180	North and west wall	„ „	„	„	
41	Mr. Haji Saleh Mahamad bin Noor Mahamad.	Durga Street, Mahim ...	31	North side wall on the ground floor.	17th „	„	„	
42	Mr. Bhimji Vithal Mahajan.	Elphinstone Road	...	A portion of the roof, about 130 feet, on the north.	24th Oct.	„	„	
43	Mr. Peerbhoy Damji	Dharavi Road	27	South-west portion of the structure with the roof.	26th „	„	„	

REMOVAL OF RUINOUS HOUSES, HUTS, OBJECTIONABLE CONSTRUCTIONS, DOORS, PROJECTIONS AND ENCROACHMENTS.

337. The following statement shows in detail the orders issued to Inspectors under various sections of the Municipal Act for the summary removal of ruinous houses, huts, objectionable constructions, doors opening outwards, projections and encroachments, with the results of such orders :—

Section of Municipal Act.	Orders issued to Inspectors.	Orders executed by Inspectors.	Orders executed by House-owners or withdrawn.	Action pending.
231	219	99	66	54
247	5	2	2	1
257	28	4	5	19
298	8	8	...	...
299	43	21	8	14
305	2	...	2	...
308	55	9	30	16
309	10	2	2	6
311	21	4	13	4
322	169	30	128	11
329	5	...	4	1
349	912	172	551	189
351	264	28	156	80
353	278	35	118	125
354	291	88	148	55
380	8	...	8	...
383	1	...	1	...
426	74	49	24	1
488	244	...	244	...
Epidemic Diseases Act Sec. 1	47	16	19	12
Do. 9	21	7	...	14
Total...	2,705	574	1,529	602

STREET IMPROVEMENTS OR SET-BACKS.

338. Street improvements or set-backs to the extent of 2,996·95 square yards were effected during the year under report as follows :—

525·82	square yards in Ward	A	Rs.	13,945	7 1
410·16	" "	B	"	9,316	11 3
248·44	" "	C	"	11,355	5 3
1,104·85	" "	D	"	7,112	5 1
123·76	" "	E	"	1,254	1 6
481·14	" "	F	"	2,678	11 0
102·78	" "	G	"	166	12 5
Total sq. yds. 2,996·95		Total ...	Rs.	45,829	5 7

339. The principal additions made to the streets and the amounts paid for the land and for compensation for structures, walls, trees, &c., are given below :—

Names of Streets.	Area in Square Yards.	Area in Square Yards.	Amounts.
			Rs. a. p.
Altamount Road	.....	109·41	1,310 0 0
Abdul Rehman Street... ...	11·11 11·08 21·03 37·52	80·74	10,322 7 1
Banian Street	.....	4·31	672 5 9
Carnac Road	.....	163·33	6,144 0 0
Carpenter Street	.....	253·60	2,536 0 0
Chandanwadi Lane	.....	367·42	9,185 8 0
Colaba Road	271·00 6·53 591·99 45·00	914·52	21,292 8 4
Dadar Road	.....	189·87	1,164 8 8
Dariasthan Street	.....	23·50	1,292 8 0
Dongri Street	.....	4·35	1,000 0 0
Girgam Road	19·77 137·53 7·92	165·22	3,340 14 1
Jail Road East	.....	27·54	567 5 2
Kalbadevi Road	25·05 54·33	79·38	6,350 6 4
Khetwadi Back Road...	.....	17·26	517 12 9
Khetwadi Main Road...	.....	48·70	666 13 2

Names of Streets.	Area in Square Yards.	Area in Square Yards.	Amounts.
			Rs. a. p.
2nd Marine Street	.....	3·03	525 12 0
3rd Marine Street	3·61		
	3·61		
	3·75		
	3·61		
	3·91		
		18·49	482 4 0
Mazagon Road	.....	905·78	10,547 0 0
Memonwada Road	5·29		
	99·98		
		105·27	2,695 4 9
New Hanuman Lane	.....	144·51	5,379 13 7
Parel Village Road	.....	208·43	756 0 9
Portuguese Church Road, Dadar	427·92		
	179·67		
	57·35		
		664·94	2,696 2 0
Sonapur Lane	.....	267·91	6,697 12 0
Vithalwadi	.....	11·09	2,000 0 0
Walkeshwar Road	.....	173·61	1,440 0 0
Wodehouse Road	.....	63·94	952 14 6

340. The following statement gives the particulars of land taken up for street improvement and the amount of compensation paid for it.

341. **Statement showing Claims for Compensation actually paid during the Year 1896-97 for Land taken up for Street Improvement.**

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinth, foundations, walls, or trees, if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p
1	Mr. Mulla Kadarbhai Mulla Amiji	...	Corner of KharaTank and Doctor Streets.	1·36	15 0 0	20 6 4	.....	20 6 4	Including amount due to the Collector. ...	0 14 7
2	Mr. Ahmed Ismail, for self and on behalf of his wife, Bai Fatmabai	...	Parel Road	5·00	15 0 0	75 0 0	.....	75 0 0	Do. do. ...	3 6 2
3	Mr. Haji Jusab Ismail	...	Girgaum Road ...	19·77	17 0 0	336 1 5	54 9 1	390 10 6	Do. do. ...	1 2 9
4	Mr. Vandrawandas Parshotamdas	...	Portuguese Church Road, Dadar ...	427·92	2 0 0	855 13 5	554 14 1	1,410 11 6	Do. do. ...	17 3 0
5	Bai Kuvarbai, widow of the late Mr. Edalji Kavasji Marker ...	...	3rd Marine Street ...	3·61	25 0 0	90 4 0	.....	90 4 0	Do. do. ...	0 6 3
6	Messrs. Temulji Pestonji Setna, Shapurji Ratanji Setna, Dhanjibhai Ratanji Setna, Shaveksha Ratanji Setna and Bai Dhanbaiji, widow of the late Mr. Sorabji R. Setna	...	Sonapore Lane ...	267·91	25 0 0	15,883 4 0	.....	15,883 4 0	Do do. ..	42 11 4
		...	Chandanwadi Lane ..	367·42						
7	Mr. Pestonji Framji and Bai Bhikhaiji, widow of Mr. Framji Edalji, the surviving Trustees of the estates of the late Mr. Edalji Rustomji	...	Wodehouse Road ...	63·94	10 0 0	639 6 4	313 8 2	952 14 6	Do. do. ...	11 15 8
8	Bai Kashibai, daughter of Lachmansing Harkisonsing and Bai Radhabai, widow of the late Mr. Kisonsing Chotusingh ...	...	Kamatipura7thStreet	1·43	10 0 0	14 4 9	.....	14 4 9	Do. do. ...	1 0 8
9	Mr. Keshow Harichand Upadhay	...	Portuguese Church Road, Dadar ...	179·67	2 9 3	463 3 4	543 0 0	1,006 3 4	.....	.....
10	Mr. Tribhovandas Jagjivandas.	...	Vithalwadi	11·09	106 0 0	1,175 8 8	824 7 4	2,000 0 0	.....	.....
11	Messrs. J. M. DeMonte, J. L. S DeMonte, and C. F. DeMonte.	...	Portuguese Church Street, Dadar ...	57·35	2 0 0	114 11 2	164 8 0	279 3 2	Including amount due to the Collector	2 5 6
12	Messrs. Dinsha Navroji Bode, Pirozsha Dinsha Bode and Naoroji Nasarvanji Bode, Trustees of the will of the late Mr. H. D. Bode	...	New Hanuman Lane.	144·51	35 0 0	5,057 13 7	822 0 0	5,879 13 7		.....
			Carried over...	1,550·98	.....	24,725 13 0	2,776·14 8	27,502 11 8		81 1 11

Statement showing Claims for Compensation actually paid for Land taken up for Street Improvement—*continued.*

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinth, foundations, walls, or trees, if any, and Contingencies.	Total.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
			Brought forward ...	1,550·98	.....	24,725 13 0	2,776 14 8	27,502 11 8		81 1 11
13	Mr. Jagannath Sunderrao ...	...	Girgam Road ..	137·53	20 0 0	2,750 9 7	.....	2,750 9 7	Including amount due to the Collector	11 9 5
14	Mr. Jehanghir Rustomji Sorabji Kharas	...	Middle Colaba Road.	45·00	10 0 0	450 0 0	242 3 8	692 3 8	Do. do. ...	8 11 7
15	Mr. A. Rooman, constituted attorney of Caitano Rozario DeSouza...	...	Navroji Road, Colaba	6·53	20 0 0	130 9 7	.....	130 9 7	Do. do. ...	10 2 6
16	Mr. Bhagvandas Shivji	...	Walkeshwar Road ..	173·61	8 0 0	1,388 14 1	51 1 11	1,440 0 0	.....	.....
17	Mr. Anandrao Wamon Shete ...	...	Khetwadi Main Road	48·70	12 0 0	584 6 4	82 6 10	666 13 2	Including amount due to the Collector	1 0 8
18	Mr. Nusarvanji Dosabhai ...	...	Ghogha Street ...	0·47	20 0 0	9 6 4	5 0 0	14 6 4	Do. do. ...	0 6 8
19	Mr. Rahimtula Khairaj and Messrs. Rahimtula Khairaj & Mahomedbhai Nansi Khairaj, executors and trustees of the will of the late Mr. Nansi Khairaj	...	Mazagon Road ...	905·78	10 0 0	9,057 12 9	1,489 3 3	10,547 0 0	.....	.....
20	Mr. Fardunji Dhanjibhai Dhondi, constituted attorney for Mr. Meherjibhoy Rustomji Kharas	...	Carpenter Street ...	253·60	10 0 0	2,536 0 0	.....	2,536 0 0	Including amount due to the Collector	193 14 1
21	Bai Sakerbai, wife of Sorab Rustomji	...	Kamatipura 7thStreet	0·88	10 0 0	8 12 9	.....	8 12 9	Do. do. ...	0 10 5
22	Mr. Vasanji Naranji	...	Dongri Street ...	4·35	45 0 0	195 12 0	804 4 0	1,000 0 0	.....	.....
23	Mr. Rustomji Jamsetji Khambata	...	3rd Marine Street ...	3·61	25 0 0	90 4 0	.....	90 4 0	Including amount due to the Collector	0 6 3
24	Mr. Gokaldas Korji	...	Kalbadevi Road ...	25·05	80 0 0	2,004 0 0	.....	2,004 0 0	.....	.....
25	Bai Jerbai, daughter of Mr. Kavasji Ghadiali and wife of Mr. Darasha Dorabji Reporter	...	2nd Marine Street ...	3·03	25 0 0	75 12 0	450 0 0	525 12 0	Including amount due to the Fazandar	11 8 11

26	Messrs. Nasarwanji Dosabhai Gatta and Kavasji Edalji Laskari, the trustees of the last will of the late Mr. Adarji Kavasji Makihatana	...	3rd Marine Street ...	3·75	25 0 0	93 12 0	.....	93 12 0	Including amount due to the Collector	0 6 3	
27	Mr. Edalji Behramji Variava ...	...	3rd Marine Street ...	3·61	25 0 0	90 4 0	.....	90 4 0	Do. do. ...	0 8 4	
28	Mr. Nasarwanji Dadabhai Gandhi	...	Do. ...	3·91	25 0 0	97 12 0	.....	97 12 0	Do. do. ...	0 6 8	
29	Messrs. Bomonji Dinsha Khan, Pestonji Dinsha Khan, Bhikaji Framji Khan and Muncherji Framji Khan	...	Dariasthan Street ...	23·50	55 0 0	1,292 8 0	.....	1,292 8 0	Do. do. ...	16 2 4	
30	Mr. Muncherji Kavasji Daver, constituted attorney of Bai Pirozbai, his wife	...	Altamount Road ...	109·41	7 0 0	765 13 11	544 2 1	1,310 0 0	Do. do. ...	1 4 10	
31	Mr. Jivanji Navroji Tavaria ...	...	Bazar Gate Street.	1·75	30 0 0	293 11 2	.....	293 11 2	Do. do. ...	7 15 1	
			Bora Bazar Street.	8·04							
32	Mr. Vithoba Harischandraji ...	...	Worli Road ...	43·03	1 4 0	53 12 7	60 0 0	113 12 7	Including amount due to the Fazandar	4 4 10	
33	Mr. Alli Saheb bin Shaik Abdulla Bhabhar	...	Umarkhadi Road ...	3·99	20 0 0	79 12 9	.....	79 12 9	.....	.....	
34	Messrs. Pestonji Hormasji Patak, Navroji Hormusji Patak, and Rustomji Hormusji Patak ...	...	Khetwadi Back Road.	17·26	30 0 0	517 12 9	.....	517 12 9	Including amount due to the Collector	11 13 7	
35	Mr. Kasambhai Harji	...	Gunpowder Road ...	31·47	8 0 0	251 12 2	.....	251 12 2	Do. do. ...	21 9 10	
36	Mr. Jaffer Mooraj	...	Memonwada Road ...	5·29	30 0 0	158 11 2	37 0 0	195 11 2	Including amount due to the Fazandar.	3 14 0	
37	Mr. Sarafali Tayabali	...	Abdul Rehman Street	11·11	110 0 0	1,222 1 7	.....	1,222 1 7	Do. do. ...	7 3 5	
38	Mr. Nasarwanji Dadabhai Gandhi	...	3rd Marine Street ...	...	.....	.....	20 0 0	20 0 0	.....	.....	
39	Mr. Rustomji Kharsetji Cooper, constituted attorney for Bai Ratanbai widow of the late Mr. Hirjibhai C. Warden ...	...	Bazar Gate Street ...	2·05	30 0 0	61 8 0	.....	61 8 0	Including amount due to the Collector	0 14 7	
			Carried over ... Rs.	3,427·29	.....	48,987 4 6	6,562 4 5	55,549 8 11		395 15 4	

Statement showing Claims for Compensation actually paid for Land taken up for Street Improvement—*contd.*

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinth, foundations, walls, or trees, if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
			Brought forward...	3,427·29	.....	48,987 4 6	6,562 4 5	55,549 8 11		395 15 4
40	Mr. Ganpatrao Chintoba ...	...	Girgam Road ...	7·92	20 0 0	158 6 4	41 3 8	199 10 0	Including amount due to the Collector	1 2 9
									Do. do. ...	16 10 8
41	Mr. Dharamsi Harjivan... ...	...	Kalbadevi Road ...	54·33	80 0 0	4,346 6 4	.....	4,346 6 4		
42	Messrs. Bezonji Hormusji Mistri and Ardeshar Sorabji Gadiwala, trustees of the property of Mr. Dadabhai Ratanji Mistri	...	Abdul Rehman Street	11·08	110 0 0	1,218 12 9	.....	1,218 12 9	Including amount due to the Fazandar	7 5 1
43	Mr. Laldas Dulabdas, constituted attorney for Shri Maganlalji Maharaj	...	Bhoiwada 3rd Street.	7·71	50 0 0	385 8 0	.....	385 8 0	Do. do. ...	6 6 6
44	Mr. Chintoba Govindji	...	Parel Village Road...	208·43	2 0 0	416 13 9	339 3 0	756 0 9	Including amount due to the Collector	27 1 4
45	Bai Labai widow of the late Mr. Habib Karim	...	Tandel Street ...	14·03	10 0 0	140 4 9	76 0 0	216 4 9	Including amount due to the Fazandar	11 4 1
46	Mr. Ali Mahomed Ismail and Bai Khatijabai, widow of the late Mr. Jusab Ali	...	Abdul Rehman Street	21·03	125 0 0	2,628 12 0	.....	2,628 12 0	Do. do. ...	15 10 2
47	Bai Hajiani Husein Khanum ...	...	Parel Road	10·16	7 8 0	76 3 2	.....	76 3 2	Do. do. ...	9 1 2
48	Bai Vazirbai, widow and administratrix of the late Mr. Mahomed Haji Mistri and Mr Jivrajbhai Ladha	...	Old Nagpada and Memonwada ...	99·98	20 0 0	1,999 9 7	500 0 0	2,499 9 7	Do. do. ...	81 14 1
49	Mr. Munshi Mahomed Bakir Maki	...	Temker Street ...	1·44	7 0 0	10 1 3	.....	10 1 3	Including amount due to the Collector	1 0 8
50	Messrs. Tukaram Tatya and Ganu Govind	...	Dadar Road	189·87	3 8 0	664 8 8	500 0 0	1,164 8 8	Do. do. ...	2 3 5

51	The Secretary, Bombay Port Trust	...	Colaba Road, South of Sassoon Dock ...	271·00	10 0 0	2,710 0 0	.....	2,710 0 0	.....	.....	
52	Messrs. Crawford, Burder & Co., for Mr. Muncherji Bomonji, Committee of the estate of Mr. Damodhardas Vunmalidas	...	Corner of Abdul Rehman Street & Nagdevi Cross Lane ...	37·52	140 0 0	5,252 12 9	499 15 5	5,925 2 6	.....	.....	
53.	Do. do. ...	...	Banian Street ...	4·31	40 0 0	172 6 4			.....	.....	
	Collector of Land Revenue, Customs and Opium, capitalized value for Land purchased from Mr. Rustomji N. Byramji Jijibhai										
55	Departmental Works, Roads and Buildings bill for filling in the Babula Tank	...	Ghogha Street ...	.....	.....	.....	21 14 0	21 14 0	.....	.....	
56	Do. do. ...	...	.....	.....	.....	.....	9 11 0	9 11 0	.....	.....	
57	Messrs. Crawford, Burder & Co., for the Collector of Bombay and the executors of the late Mr. Chanda Ramji	...	.....	.....	.....	.....	8 12 0	8 12 0	.....	.....	
58	Departmental Works, Roads and Buildings bill for filling in the Babula Tank	...	Colaba Road	591·99	30 0 0	17,759 11 1	.....	17,759 11 1	.....	.....	
59	Do. do. ...	...	.....	.....	.....	.....	9 11 0	9 11 0	.....	.....	
60	Miscellaneous Fees through Executive Engineer on account of open gallery and weather frames projected from the house of Mr. Hasanali Rahimanji	...	.....	.....	.....	.....	9 11 0	9 11 0	.....	.....	
61	Departmental Works, Roads and Buildings bill for filling in the Babula Tank	...	Parel Road (Bhendi Bazar)	.....	.....	43 12 8	.....	43 12 8	.....	.....	
62	Departmental Works, Roads and Buildings bills for filling in the Babula Tank	...	.....	.....	.....	.....	43 6 10	43 6 10	.....	.....	
		...	.....	.....	.....	.....	15 15 7	15 15 7	.....	.....	
			Carried over ...	4,958·09	.....	86,971 5 11	8,687 11 11	95,609 1 10	.....	575 11 3	

Statement showing claims for Compensation actually paid for Land taken up for Street Improvement—*contd.*

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinth, foundations, walls, or trees, if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs a. p.		Rs. a. p.
			Brought forward...	4,958·09	.....	86,971 5 11	8,637 11 11	95,609 1 10	.....	575 11 3
	Departmental works, Roads and Buildings bills for filling in			.....	.....	.....	18 5 3	18 5 3	.....	.....
64	the Babula Tank ...	...	.....	.....	.....	.....	21 13 10	21 13 10	.....	.....
65	Do. do. ...	...	.....	.....	.....	.....	21 2 7	21 2 7	.....	.....
66	Do. do. ...	...	.....	.....	.....					
	Messrs. Crawford, Burder & Co., bill of costs for acquisition of Mr. Sorabji Jamshedji Bottlewalla's property	...	1st Marine Street ...	.....	.....	.....	190 0 0	190 0 0	.....	.....
67	Collector of Bombay, copies of plans and surveying land of Messrs. Bhaskerrao Balkrishna and others	...	Cavelwadi, Cheera Bazar	.....	.....	.....	15 0 0	15 0 0	.....	.....
68	Departmental Works, Roads and Buildings for filling in Babula Tank in December 1896 ...	...	.....	.....	.....	.....	21 0 9	21 0 9	.....	.....
69	Messrs. Crawford, Burder & Co., for Mr. Jalbhai Ardeshir Sett.	...	Jail Road, East ...	27·54	20 0 0	550 12 10	16 8 4	567 5 2	.....	.....
70	The Collector of Bombay, for Mr. Mahomed Ismail Makba..	...	Carnac Bandar ...	163 33	30 0 0	4,900 0 0	1,244 0 0	6,144 0 0	.....	.....
71	The Collector of Bombay ...	...	Gowalia Tank Road..	.....	.....	.....	0 2 1	0 2 1	.....	.....
72	The Collector of Land Revenue, Customs and Opium for capitalized value for land purchased from Mr. Nanabhai Navroji Bharucha	...	Bazar Gate Street ...	.....	.....	.....	41 2 4	41 2 4	.....	.....
73	The Collector of Land Revenue, Customs and Opium for capitalized rental on land purchased from Sir Tharia Topan.	...	Gowalia Tank Road..	.....	.....	.....	0 2 1	0 2 1	.....	.....
74	The Collector of Land Revenue, Customs and Opium for capitalized rental on land purchased from Bai Ladkabai, widow of the late Mr. Ranchordas Tulsidas	...	Esaji Hasaji Street...	.....	.....	.....	28 6 2	28 6 2	.....	.....

75	Fazandari rental for the ground of Mr. Ibrahim Haji Peer Mohamed	...	Junction of Carnac Road & Husein Khan Khalifa Street ...	.....	.....	.....	25 9 1	25 9 1	.....	.....
76	Fazandari rental for the ground of Mr. Ibrahim Shaik Chand...	...	Junction of Janjikar and Husein Khan Khalifa Street ...	.....	.....	.....	43 9 5	43 9 5	.....	.....
77	The Secretary to the Brotherhood of the Santissino Sacraments for land purchased from Bai Satyabhamabai and another	...	Girgam Road ...	.....	.....	.....	79 0 2	79 0 2	.....	.....
78	Fazandari rental for the ground of Mr. Chunilal Motilal ...	...	Agiari Street... ...	.....	.....	.....	15 12 5	15 12 5	.....	.....
79	The Collector of Land Revenue, Customs and Opium for capitalized rental from Mr. Jehanghir Rustomjee Sorabjee Kharas	...	Middle Colaba Road..	.....	.....	.....	8 11 7	8 11 7	.....	.....
80	The Collector of Land Revenue, Customs and Opium for capitalized rental from Mr. Temuljee Pestonjee Setna and others	...	Sonapur and Chandanwadi Lanes ...	.....	.....	.....	42 11 4	42 11 4	.....	.....
81	The Collector of Land Revenue, Customs and Opium for capitalized rental from Mr. Ardeshir Pestonjee Porbandaria ...	...	3rd Marine Street ...	.....	.....	.....	2 1 4	2 1 4	.....	.....
82	The Collector of Land Revenue, Customs and Opium for capitalized rental from Mr. A. W. Shete	...	Khetwadi Main Road.	.....	.....	.....	1 0 8	1 0 8	.....	.....
83	Departmental Works, Roads and Buildings, for filling in Babula Tank	...	.....	.....	.....	.....	23 11 10	23 11 10	.....	.....
84	Do. do. ...	...	.....	.....	.....	.....	23 4 0	23 4 0	.....	.....
			Carried over...	.....	.....	.....	.....	.....	.....	.....
				5,148·96	.....	92,422 2 9	10,520 15 2	1,02,943 1 11	.....	.....
			Deduct amount due to the Collector and Fazandars					575 11 3		575 11 3
			Total amount paid during the year 1896-97					1,02,367 6 8		

342. Statement showing the Claims for Compensation for Land taken up for Street Improvement but not paid for during the year 1896—97.

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinth, foundations, walls or trees, if any, and contingencies.	Total.	Remark.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Haji Sale Mahomed Haji Mahomed		Tank Street ...	0·93	10 0 0	9 4 9	.....	9 4 9	Including amount due to the Collector.	0 10 5
2	Messrs. Narayen Parshotam and Hemraj Jivraj		Kalbadevi Road.	18·83	85 0 0	1,600 8 9	.....	1,600 8 9	.....	...
3	Bai Avabai, wife of Mr. Manekji Bomonji Mehta		Haines Road ...	3·38	10 0 0	33 12 9	.....	33 12 9	Including amount due to the Collector.	0 0 5
4	Mr. Hasanali Sulemanji		Curry Road ...	192·37	4 8 0	865 10 7	.....	865 10 7	Do. ...	1 2 9
5	Revd. John Edward Robinson, Mr. William Henry Stephens and Miss Mary E. Carrol ...		Mazagon Road...	27·54	8 0 0	220 5 1	140 13 9	361 2 10	Do. ...	0 6 3
6	Bai Hiravahu, widow of Khimji Jiva, Messrs. Haridas Jairam, Lalji Umarsy, Kalianji Umarsy, and Chaturbhuj Murarji ...		Janjikar Street...	11·22	60 0 0	673 3 2	.....	673 3 2	Do. ...	7 10 11
7	Messrs. Vishvanath Balkrishna and Balaji Sadanand		Old Hanuman Lane ...	9·44	50 0 0	472 0 0	85 0 0	557 0 0	Do. ...	0 6 3
8	Mr. Karsondas Valabhdas ...		Dongarsi Road...	55·24	4 0 0	220 15 4	.....	220 15 4	Do. ...	0 0 3
9	Messrs. N. DeGa and M. DeLima trustees of the estate of the late Mr. N. G. De Ga.		Altamount Road.	757·17	5 0 0	3,785 13 5	455 14 0	4,241 11 5	Do. ...	21 5 8
10	Sha Rupa Raja		Sion Road ...	92·16	1 0 0	92 2 6	27 4 8	119 7 2	Do. ...	5 15 10
11	The Collector of Land Revenue Customs and Opium for land taken up from Mr. Sorabji Dosabbai Framroze		Dadar Road ...	.....	.....	.....	2 13 10	2 13 10	.....	...
			Grand Total ...	1,168·28	.....	7,973 12 4	711 14 3	8,685 10 7		37 10 9

343. The amount allowed for street improvement for the year 1896-97 was Rs. 1,00,000, which, together with the amount of the grant which lapsed at the close of the year 1895-96 (Rs. 5,405-7-9,) and an additional grant of Rs. 2,000 sanctioned under the Standing Committee's Resolution No. 248, dated 5th April 1896, amounted to Rs. 1,07,405-7-9, available for this purpose.

344. Out of this Rs. 1,02,367-6-8 have been actually paid during the year.

345. The following statements give details of ground taken up and added to streets in each Ward during the year under report :—

GROUND ADDED TO STREETS IN A WARD.

346. Statement showing the Ground taken up and actually added to Streets during the year 1896-97.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount.	Remarks.	Amount due to the Collector or Fazandar.
					Rs.	Rs.	Rs. a. p.		Rs. a. p.
1	Mr. Dadabhai Navroji Daver.	...	Barber Lane	163·59	20	...	3,271 12 9		
2	Bai Ratanbai, widow of Hirjibhoy C. Warden.	130-132	Bazar Gate Street ...	2·05	30	30	61 8 0	Including amount due to the Collector.	0 14 7
3	Mr. Karsandas Valabhdas ...	269	Borah Bazar Street ...	7·10	30	...	213 0 0		
4	Mr. Dadabhai P. Mistri ...	62	Gola Lane	11·68	30	30	350 6 4 131 14 1		
5	Mr. Pestonjee Sorabjee Mistri.	64	Do.	15·57	30	35	544 15 2 132 3 8	Including amount due to the Collr.	5 13 9
6	Mr. S. Dinsha Dallas, agent and constituted attorney to C. K. Kadarcooty Kaka.	127-131	Modi Street	5·29	25	25	132 4 0		
7	Mr. Jivanjee Navroji Tavaria.	193	Borah Bazar Street ...	8·04	30	30	241 3 2	Including amount due to the Collector.	7 15 0
8	Do. do. ...	170	Bazar Gate Street ...	1·75	30	30	52 8 0		
9	Mr. Esmailji Mulla Mahomed.	4	Borah Musjid Lane ...	2·81	28	28	78 10 10 15 0 0		

Ground added to Streets in A Ward—*continued.*

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount.	Remarks.	Amount due to the Collector or Fazandar.
					Rs.	Rs.	Rs. a. p.		Rs. a. p.
10	Mr. Miyaji Abdool Hoosen Miyajiwala.	189-191	Borah Bazar Street ...	3·75	30	30	112 8 0 76 4 7	Including amount due to the Collector.	2 9 8
11	Mr. Naranji Dwarkadas ...	41	Thomas Street ...	9·85	10	...	98 8 0		
12	Messrs. Harkisondas Narotumdas and Bhagwandas Narotamdas.	225-227	Modi Street	5·61	30	30	168 4 9	Including amount due to the Collector.	3 14 4
13	Mr. Dayachand Mulachand ...	138-140	Do.	4·37	25	...	109 4 0		
14	Mr. Pestonjee Edaljee Mistri.	11	Barber Lane	2·08	20	20	41 9 7 48 2 3		
15	Mr. Mahamad Esmail Makba...	...	Carnac Road... ...	163·33	30	30	4,900 0 0 1,244 0 0		
16	Mr. Goma Keri...	...	Hamal Street... ...	82·35	10	...	823 8 0		
17	Mr. Merwanjee Manekjee Kapadia.	243	Borah Bazar Street ...	2·32	30	...	69 9 7		
18	Mr. Karsandas Purshotamdas.	...	Gola Lane	34·28	30	...	1,028 6 4		
			Total ...	525·82			13,945 7 1		21 3 7

Ground added to Streets in B Ward.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered	Rate accepted	Amount.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Messrs. Bomonji Dinsha Khan, Bhikhaji Framji Khan, P. D. Khan and M. F. Khan.	13-15	Garibdas Street ...	23·50	55 0 0	55 0 0	1,292 8 0	Including amount due to the Collector.	16 2 4
2	Mr. Dewji Canji	37-43	Memanwada Road ...	5·44	25 0 0	.....	136 0 0		
3	Mr. Haji Sidik Haji Hasum	31-35	Tandel Street ...	13·14	10 0 0	.....	131 6 5		
4	Mr. Jafferbhai Rahimtula	12-14	Hoosenkhan Khalifa Street.	0·65	10 0 0	.....	6 8 0		
5	Bai Amerbai, widow of Bhanji Megji.	104-108	Nishanpada Road...	7·91	15 0 0	.....	118 10 5		
			Old Nagpada Street	5·61	10 0 0	.....	56 1 7		
6	Mr. Vasunji Narayenji ...	511	Dongri Street ...	4·35	45 0 0	45 0 0	195 12 0		
							804 4 0	Compensation for the structure.	
7	Mr. Haridas Premji	40-42	Isaji Street ...	2·77	40 0 0	.....	110 12 9		
		67-71	Samuel Street ...	4·27	40 0 0	.....	170 12 9		
8	Nawab Mahomed Kamalkhan.	...	Imamwada and Memanwada Road.	269·26	15 0 0	15 0 0	4,038 14 4		
9	Mr. Fazalbhai Alladin ...	629-633	Dongri Street ...	8·95	45 0 0	.....	402 12 0		
10	Mr. Vazirbhai Taverbhai...	635-637	Do. ...	6·16	45 0 0	.....	277 3 2		
11	Mr. Alli Saheb bin Shaik Abdoola Babar.	88-92	Umarkhadi Road ...	3·99	20 0 0	.....	79 12 9		
12	Mr. Abdoola Lilani ...	350-352	Samuel Street ...	9·17	40 0 0	40 0 0	366 12 9	Including amount due to the Collector.	2 9 8
13	Bai Lawbai, widow of Habib Karim.	122-124	Nishanpada Road ...	14·03	10 0 0	10 0 0	140 4 9	Including amount due to the Fazandar.	11 4 1
							°76 0 0	°Compensation for the compound wall.	
14	Mr. Ludhabhai Ibrahim ...	98-102	Do. ...	13·26	15 0 0	.....	198 14 5		
15	Messrs. Goolam Hoosein Alloobhai and Fazalbhai Alloobhai.	304-306	Samuel Street ...	6·87	40 0 0	.....	274 12 10		
16	Mr. Sarfoodin Kikabhai ...	...	Jail Road, North ...	2·71	12 0 0	.....	32 8 4		
17	Mr. Haji Moosa Sulleman.	80-88	Narayen Dhuru Street	8·12	50 0 0	.....	406 0 0		
			Total ...	410·16			9,316 11 3		30 0 1

Ground added to Streets in C Ward.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Haji Hasan Ebrahim.	86-88	Abdul Rehman Street	39·50	125 0 0	.....	4,937 8 0		
2	Mr. Gajanun Moreshwar...	.....	Dadyshet Agiary Lane	9·93	25 0 0	.....	248 4 0		
3	Mr. Manmohandas Kasidas, Secretary of the Panjrapole Committee.	.....	Cowasji Patel Tank Road and 1st Panjrapole.	17·53	15 0 0	.....	262 15 2		
4	Mr. Fakir Ganu Kule.....	.....	Kumbharvada	9·01	4 0 0	.....	36 0 7		
5	Mr. Mahamad Kasam bin Ally Saheb Purnekar.	244-246	Doctor Street	2·82	10 0 0	.....	28 3 2		
6	Mr. Esufally Rajabhai ...	.....	Dhabu Street	3·51	.....	.....	.....	Free of charge.	
7	Mr. Essaji Tajbhoy.....	169-171	Doctor Street	3·46	10 0 0	.....	34 9 7		
8	Mr. Harichand Trimback.	.....	Sonapur Lane	19·78	10 0 0	.....	197 12 9		
9	Mr. Fazal Peer Mahomed.	128	Kika Street	32·86	50 0 0	.....	1,643 0 0		
10	Mr. Krishnanath Sittaram.	188	New Hanuman Lane.	27·38	35 0 0	35 0 0	958 4 9		
							438 11 4	Compensation for old structure.	
11	Mr. Govindji Thakersey Mulji.	188	Cavel Street	53·25	25 0 0	.....	1,331 4 0		
12	Mr. Rustomji Framji.....	.....	Vanka Mohla	6·11	10 0 0	.....	61 1 7		
13	Mr. Allibhai Ismailji	.....	Doctor Street	2·98	.....	.....	.....	Not to be paid for.	
14	Bai Jerbai, daughter of Mr. Cowasji Gadhiali and wife of Mr. Darasha.	.....	2nd Marine Street ...	3·03	25 0 0	25 0 0	75 12 0	Including amount due to the Fazandar.	11 8 11
							450 0 0	Compensation for walls.	
15	Mr. Valiji Rajabhoy	232-234	Doctor Street	1·39	10 0 0	.....	13 14 4		
16	Mr. Haji Mahomed Haji Usman.	58-60	Girgam Road	15·95	40 0 0	.....	638 0 0		
			Total ...	248·44			11,355 5 3		11 8 11

Ground added to Streets in D Ward.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Ganpatrao Chintoba Chapwalla.	599-601	Girgam Road... ...	7·92	20 0 0	20 0 0	158 6 5	Including amount due to the Collector.	1 2 9
2	Messrs. Pandurang Ramchandra and Narayen Krishna Maccundji.	...	Sleater Road... ...	729·75	5 0 0	5 0 0	3,648 12 0		
3	Mr. Jamsetji Ardeshir Wadia.	...	Wilderness Road ...	177·73	4 0 0	.....	710 14 9		
4	Mr. Anandrao Vaman Sethe.	...	Khetwadi Main Road.	48·70	12 0 0	12 0 0	584 6 4	Including amount due to the Collector.	1 0 8
5	Mr. Krishnarao Ramchandra.	...	Do. ...	39·75	12 0 0	.....	477 0 0		
6	Mr. Baba Laxumon ...	...	Do. ...	36·83	12 0 0	.....	441 15 4		
7	Mr. Haji Musa Haji Hasam	795	Girgam Road ...	64·17	17 0 0	.....	1,090 14 3		
			Total ...	1,104·85			7,112 5 1		2 3 5

Ground added to Streets in E Ward.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Bai Avabai, wife of Mr. Hormasji M. Mehta.	.....	Haines Road... ...	3·38	10 0 0	10 0 0	33 12 9	Including amount due to the Collector	0 0 5
2	Mr. Munshi Mahomed Bakir Maki.	.....	Temker Street ...	1·44	7 0 0	7 0 0	10 1 3	Do. do. ...	1 0 8
3	Mr. Shaik Abdool Razak *valad* Abdool Rahiman	87/89	Huzria Street ...	·38	7 0 0	.....	2 10 6		
4	Mr. Kazamalibhai Aybali..	.....	13th Kamatipura and Bazar Road.	26·69	10 0 0	.....	266 14 4		
5	Mr. Umar Mahomed ...	26/30	Huzria Street ...	12·41	7 0 0	.....	86 13 11		
6	St. Peter's School... ...	5	Mazagon	22·79	8 0 0	8 0 0	182 5 1		
							110 0 0	Compensation for wall.	
7	Mr. Jacob Elias Sassoon...	37	Nesbit Road	16·53	5 0 0	.....	82 10 4		
8	Mr. Haji Noor Mahomed Haji Abdoola.	5	12th Kamatipura ...	2·22	10 0 0	.....	22 3 2		
9	Mr. Ismail Husein ...	177	Huzria Street ...	7·53	7 0 0	.....	52 11 4		
10	Mr. Nazimudin Jiwakhan and his wife, Bai Husen Aboo.	.....	Corner of Bapty and Suklaji Street.	2·85	15 0 0	15 0 0	42 12 0	Including amount due to the Collector	1 11 1
11	Revd. John Edward Robinson, Mr. William Henry Stephens and Mrs. Mary E. Carrol.	.....	Mazagon	27·57	8 0 0	8 0 0	220 5 1	Do. do. ...	0 6 3
							140 13 9	Compensation for wall.	
			Total ...	123·76			1,254 1 6		3 2 5

Ground added to Streets in F Ward.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Sorabji Manekji Damanwalla.	147	Suparibaug Road ...	21·38	3 8 0	...	74 13 2		
							178 0 4	Compensation for superstructure.	
2	Bai Meherbai, wife of Mr. Dinshaw Hirjibhai Daroowalla.	208-212	Do. ...	44·22	3 8 0	...	154 12 1		
							75 0 0	Do. do.	
3	Mr. Chintoba Govindji ...	...	Parel Village Road..	208·43	2 0 0	2 0 0	416 13 9	Including amount due to the Collector.	27 1 4
							339 3 0	Compensation for superstructure.	
4	Mr. Raghawji Khimji ...	...	Suparibaug Road ...	17·24	12 8 0	12 8 0	215 8 0	Including amount due to the Collector.	2 3 5
							60 0 0	Compensation for superstructure.	
5	Messrs. Tukaram Tatya and Ganu Govind.	...	Dadar Road ...	189·87	3 8 0	3 8 0	664 8 8	Including amount due to the Collector.	2 3 5
							500 0 0	Compensation for superstructure.	
				481·14			2,678 11 0		31 8 2

Ground added to Streets in G Ward.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Adamji Peerbhoy...	.....	Daravi Ambawadi.	102·78	1 0 0	.....	102 12 5		
							64 0 0	Compensation for wall, &c.	.....
			Total ...	102·78			166 12 5		.....

MUNICIPAL GROUND SOLD OR EXCHANGED.

347. The following statement shows the pieces of ground belonging to the Corporation, sold to private parties and the values of which were paid for during the year 1896-97 :—

Nos.	Names of Purchasers.	Locality.	Area in square yards.	Rate per square yard.	Amount.	Sanction from			
						Commissioner.		Corporation.	
						Letter No.	Date.	Reso. No.	Date.
				Rs. a. p.	Rs. a. p.				
1	Mr. Sorabji Ratanji Contractor	Parel Road	1962·34	11 4 0 and 10 4 0	20,844 5 9	...	.....	13641	27th Feb. 1896.
2	Mr. Byramji Hirjibhai Warden	Parel and Connaught Roads...	1641·13	11 0 0 and 8 0 0	15,482 10 1	...	.....	13641	Do.
3	Mr. Pestonji Jehhangir Khambata...	Connaught Road.....	822·67	8 0 0	6,581 5 9	...	.....	13641	Do.
4	Mr. Navroji Hormusji Patuck	Do.	1477·24	8 4 0	12,187 3 8	...	.....	13641	Do.
5	Mr. Hormusji Adarji Kanga.....	Do.	366·55	8 4 0	3,024 0 7	...	.....	13641	Do.
6	Messrs. Spanion & Co.	Morland Road	2150·20	5 0 0	10,751 0 0	...	.....	1195	4th May 1896.
7	The Soonderdass Mill.....	Gilder Street.....	3048·80	5 8 0	16,768 6 5	...	.....	3609	6th July 1896.
8	Mr. Ibrahim Abdul Hasen	Jijibhai Dadabhai Street	21·48	47 0 0	1,009 9 0	11441	3rd Sept. 1895...	8984	7th Nov. 1896.
9	Mr Nemchand Sobhagchand.....	Walkeshwar Road	108·92	8 0 0	871 5 9	17037 5951	21st Nov. 1895 ... 1st July 1896 ...	... ...	....
10	Mr. Bhagwandas Shivji.....	Do.	127·63	8 0 0	1,021 0 8	17037 5951	21st Nov. 1895 ... 1st July 1896 ...	... ...	....
11	Mr. Tribhowandas Jadowji	Kamatipura 13th Street.....	5·35	12 0 0	64 3 2	13073	8th Oct. 1896 ...	...	.....
12	Mr. Nazmudin Jivakhan	Junction of Bapty Road and Suklaji Street.	1·11	15 0 0	16 10 4	11519	4th Sept. 1895...	...	.....

F

ROADS.

NEW ROADS, &c.— Paras.
Reay Road, Victoria Road Extension, and the Mahomedan Burial Ground at Tank Bandar 290 & 348 to 355
Road over the Tansa Main from Dadar to Matunga. 356 & 357
Souter Road ... ... 290 & 358
Gilder Street... ... ... 290 & 359
The frontage land in Agripada District and on Connaught and Sussex Roads ... ... 347, 360 & 361
ROADS, FOOTPATHS, &c.—*Maintenance of*—
Road Repairs ... ... 362 to 368
Steam Rollers ... ... 369 & 411 to 416
Road Metal 370
Private Streets ... ... 371 & 372
Road Cleaning 373
Road Watering ... ... 374 to 376 & 290
Footpaths ... ... 377 to 379
TRAMWAYS ... ... 380 & 381
ROADSIDE TREES 382

NEW ROADS, &c.

Reay Road, Victoria Road Extension and the Mahomedan Burial Ground at Tank Bandar.

348. This work consists of—

(1) The construction of the Northern approach to the overbridge over the G. I. P. Railway sidings at Wari Bunder.

(2) The construction of a portion of the Reay Road extending from the approach abovementioned to the junction of Coppersmith Road with the Gunpowder Road at Mazagaon.

(3) The construction of the Victoria Road extension across Narielwadi to meet the road already constructed by the Port Trustees, and

(4) The provision of a burial ground at Tank Bunder for the Mussalman Community.

349. *Item* (1)—For the approach to the overbridge, a great portion of land has already been acquired. The remainder which belongs to Government will shortly be acquired, the terms for the purchase having

been settled. Plans and estimates for the construction of the approach road have already been completed and the work will be commenced as soon as the Railway Company take in hand the construction of the overbridge itself.

350. *Item* (2)—All the properties which stood on the line of the portion of the Reay Road abovementioned have already been acquired with the exception of only three, *viz.*, those belonging to—

(1) Mr. Anandrao Vinayek Executor to the estate of Mr. Permanandas Jeevandas.

(2) Mr. Edulji Sorabji Daver, and—

(3) A portion of the compound in front of the Church of N. S. De Rozario at Mazagaon.

351. Tenders for the construction of a portion of the Reay Road will be invited shortly and the work commenced after the rains.

352. The construction of the rest of the road in the line of which the abovementioned three properties stand will also be commenced after those properties are acquired.

353. *Item* (3).—The Victoria Road extension passes through the Narielwadi Hill, which hill is now being excavated under a contract by Mr. Bomanji Dhanjibhoy on condition that he should remove the earth and deposit it in Nowghar Tank which stands in the line of the road, and that in consideration of this he should take such of the stone as may be available for his own use. The excavation is now in progress and the construction of the road will be taken in hand as soon as that is completed.

354. The undermentioned properties have been purchased since the last report :—

Names of parties from whom the properties were purchased.	Amount of compensation awarded or agreed upon.	Remarks.
	Rs.	
Mr. Kharsetji Ardeshar Patel	7,500	Properties acquired under the Land Acquisition Act.
Mahomedan Jamat (Reservoir)	2,821	
Do. do. (House)	691	
Mr. Baburao Damulji	2,200	
Bai Kuverbai, widow of Dinsha Shapurji Karani	13,000	
Bai Bhanbai, wife of Mr. Fazal Mehralli Rahimbhoy	6,488	
N. S. D'Rozario, Church and Government ...	...	Private negotiations for the purchase of these properties are being carried on.
Mr. Edulji Sorabji Daver	...	
Mr. Anandrao Vinayek	...	
Government and Mr. Surti.	...	

355. Item (4).—The land, purchased from the Port Trustees for the Mahomedan Burial ground, has already been filled up by means of earth obtained from the Narielwadi Hill, and has been provided with sub-soil drainage, enclosed by means of masonry walls, and made over for use to the Mahomedan community.

Road over the Tansa Main from Dadar to Matunga now called "Vincent Road."

356. In the last report a hope was expressed that, as the contractors had appointed an engineer to check the measurements, a reasonable settlement of the dispute would be the result.

357. Unfortunately this anticipation has not been realized, and the matter has been placed in the hands of the Municipal Solicitors who are now in communication with the contractor's Solicitors.

Souter Road.

358. The construction of this road is still in abeyance. One of the partners of the firm who originally contracted to do the work is willing to come to terms with the Municipality, but as the other partner does not join him, the negotiations have so far been unsuccessful. If these negotiations eventually fail, the road will have to be completed through some other agency.

Gilder Street.

359. The conveyance of the land required from the owners of the Hindustan Mill for the completion of this Road is now ready. It will shortly be executed and as soon as the land is made over to the Municipality, the remaining portion of the road will be taken in hand and completed.

The frontage land in Agripada District and on Connaught and Sussex Roads.

360. It was arranged to sell by auction 40 plots of the frontage land abutting on Club Street and Morland Road. The day was fixed and the sale was published in the newspapers but it had to be postponed on account of a large number of people having left Bombay on account of the plague. If favourable offers are not received privately for the purchase of these plots, they will be put up for sale by auction during the current year.

361. The following statement shows the area of frontage land which has been disposed of and the amount realized by the sale :—

Plot No.	Location.	Names of the purchasers.	Area, sq. yards.	Rate per square yard.	Amount realized.	Remarks.
		CONNAUGHT AND SUSSEX ROADS.		Rs. a. p.	Rs. a. p.	
1, 2, 3	Parel Road	Mr. Sorabji Ruttonji, Contractor.	1,962·34	11 4 0	20,844 5 9	Sold by public auction.
4, 7	Parel and Connaught Roads	„ Byramji Hirjibhai Warden..	1.641·13	& 10 4 0 11 0 0	15,482 10 1	Do.
5	Junction of Parel and Connaught Roads ..	„ Ardeshir Merban, Irani ...	680·89	& 8 8 0 13 8 0	9,192 0 2	Do.
9	Connaught Road	„ Pestonji Jehangir Khambatta	822·67	8 0 0	6,581 5 9	Sold by private negotiation
11, 13	Do. ...	„ Nowroji Hormasji, Pathuck.	1,477·24	8 4 0	12,187 3 8	Do.
15	Do. ...	„ Abdulali Ahmedji	570·94	8 0 0	4,567 8 4	Do.
17	Do. ...	„ Hormasji Aderji, Kanga ..	366·55	8 4 0	3,024 0 7	Sold by public auction.
18	Junction of Connaught and Sussex Roads ...	„ Tyeballi Mohomedalli ...	832·67	10 0 0	8,326 11 3	Sold by private negotiation
		Total ...	8,354·43	.....	80,205 13 7	
		AGRIPADA DISTRICT.				
	Morland Road	Messrs. Spanion & Co.	2,150·20	5 0 0	10,751 0 0	Sold by private negotiation
	Gilder Street	Sundardass Mill	3,048·80	5 8 0	16,768 6 5	Do.
	Do.	Mr. Khimji Purshottam ...	1,097·00	6 8 0	6,545 8 0	Do.
	Morland Road	„ Tyeballi Jiwakhan	178·50	7 0 0	1,249 8 0	Do.
	Junction of Morland and Ripon Roads	„ Mawjibhai Heerji	534·00	7 0 0	3,738 0 0	Do.
	Morland Road	Do.	355·64	7 0 0	2,489 7 9	Do.
		Total ..	7,274·14		41,541 14 2	
		GRAND TOTAL ...	15,628·57		1,21,747 11 9	

ROADS, FOOTPATHS, &c.

REPAIRS AND MAINTENANCE.

Road Repairs.

362. The following statement gives in parallel columns the estimated amuonts and actual quantities and amounts of different items of works, the cost of which was met from the grant of Rs. 3,37,411, for road repairs and maintenance :—

Particulars.	Estimated amount.	Actual quantity of work done	Actual amount spent.	Balance.
	Rs. a. p.	Square feet.	Rs. a. p.	Rs. a. p.
Metalling roads	2,40,000 0 0	5,849,974	2,12,989 7 11	
Sand-stoning roads	10,800 0 0	4,244,945	17,402 0 8	
Scraping roads	82,100 0 0	....	33,200 13 6	
Repairs and maintenance of footpaths ..	16,300 0 0	....	15,167 10 9	
Do. to bridges, culverts, &c.	1,450 0 0	....	....	
Road-side trees fencing and maintenance	5,550 0 0	....	5,761 6 1	
Repairs to and purchase and maintenance of tools and plants and other works incidental to the work of Road Repairs, repairing footpaths, &c.	31,211 0 0	....	31,985 6 1	
Total ..Rs.	3,37,411 0 0	....	3,16,506 13 0	
Add—Lapsed grants for 1895-96	463 15 7	....	463 15 7	
Grant Total ..Rs.	3,37,874 15 7	10,094,919	3,16,970 12 7	
			Saving..Rs.	20,904 3 0

363. It will be seen from the statement that a total area of 10,094,919 square feet of roads was repaired at an aggregate cost of Rs. 3,16,970-12-7 which gives an average rate of about 6 pies per square foot, as against 5½ pies per square foot during the previous year. This area is exclusive of the large areas of roads repaired on account of the Drainage, Water, and Health Departments and the Tramway and the Gas Companies.

364. Reference has been made to the faulty construction of the minor roads and lanes in the Fort in the last year's Report. The evil effects of this construction have been removed, as stated in the above report, by remodelling the surfaces of the road surfaces and providing water entrances at suitable intervals. These works have, notwithstanding the unreasonable opposition on the part of some of the inhabitants of the Fort, effected a decided improvement on the old arrangement. The storm water is now got rid of more freely, the road surface is maintained in good order, and the old stormwater drains have ceased to emit foul gases through the holes of the slabs over the drain as of old.

365. It is needless to reiterate the difficulties in keeping the roads in the City in good order, owing to their having to be constantly opened in various places by the Drainage, Health and Water Departments, by the Gas Company and by private plumbers for laying pipes. These difficulties will always exist and cannot be done away with.

366. During the year under report, the roads in the City were not kept in the same state of efficiency as in previous reports, owing to the labourers having left the City in large numbers, during the prevalence of the bubonic plague and also owing to the impossibility of obtaining road metal, the quarries having stopped working. During the same period the watering of many of the roads in the City was stopped, in deference to the opinion of the medical advisers of health, that dampness of the ground promoted the prevalence of the disease.

367. The steam rollers had also remained idle. These causes combined had the effect of considerably injuring the road surfaces in many parts of the City. The labourers having gradually returned and higher wages having been offered to them, they have set to work and repairs have again been taken in hand, but it will take considerable time and entail a heavy outlay before the roads can be again placed in a satisfactory condition.

368. The unexpended balance of Rs. 16,840 over the sanctioned grant as shown in the above statement is due to the above causes. This amount should not be considered a saving on the allotment, as the whole of it, and perhaps more, will be required to meet the cost of making good the injury done to the roads by the unavoidable stoppage of the repair works. If a sufficient number of men and the required quantity of road metal can be obtained during the current year, an attempt will be made to utilise the balance in addition to the current years budgetted grant for road repairs.

Steam Rollers.

369. The following statement shows the condition of the various steam rollers now in stock :—

Ward.	No. on Steam Roller.	Weight in Tons.	Date of Manufacture.	Condition.
A	1	20	1891	In good condition.
D	2	15	1891	In good condition.
A	3	15	1870	An old type of roller, expensive in up-keep which it would be advisable to dispose of. In fair order.
E	4	12½	1891	In good condition.
B	5	12½	1888	In good condition, boiler re-tubed.
C	6	10	1891	In good condition.
E	7	10	1879	New boiler being made.
A	8	10	1874	In good condition. New boiler in 1894.
B	9	10	1874	In good condition. New boiler in 1896.
A	10	8	1888	In good condition.
	11	8	1888	In good condition.
B	12	8	1888	In good condition.
	13	8	1889	In good condition.
G	14	8	1889	In good condition.
E	15	8	1889	In good condition.
F	16	8	1889	In good condition.
B	17	8	1880	New fire-box end shell plate and tube fitted. Roller being re-erected.
	18	8	1880	In good condition. New boiler in 1896.
E	19	8	1874	Much worn, new crank shaft being made.
A	20	8	1880	Much worn. New fire-box required.
D	21	6	1894	In good condition.
	22	6	1894	In good condition.

Road Metal.

370. The total quantity of metal supplied by the Contractors during the year under report was 1,238,900 cubic feet and the cost thereof amounted to Rs. 70,075.

Private Streets.

371. The "Private Streets" as defined in the Municipal Act have continued to give trouble. Such streets cannot be repaired at Municipal expense and the house owners cannot be compelled to keep them in order, owing to the difficulty experienced in proving that the streets or particular portions of them have been in the undisturbed use of the public and it would be advisable to move the Corporation and Government to make the necessary alterations in the Act as soon as possible so as to enable the Municipality to treat all such streets as public streets or to make the work of the Municipality in compelling the house owners to keep them in repair, more easy.

372. Mugbhat Cross Lane, a private street under the Act, admeasuring about 328 feet in length was put in order at the expense of the owners of the houses abutting on the lane and was declared a public street under Section 306 of the Municipal Act.

Road Cleaning.

373. The brushing and scraping machines have been kept at work for cleaning the road surfaces. A combined brushing machine and muck cart is a great desideratum. Such a machine would enable the scrapings to be collected as soon as they are removed. Such machines are in use in other countries where horses are employed for drawing them. It would be advantageous to have such a machine in Bombay, but it is thought that it would be too heavy for bullocks.

Road Watering.

374. All the public streets in the City were kept watered during the year under report except during the latter part when, as stated elsewhere, it was considered objectionable on sanitary grounds to increase the dampness of the ground.

375. The following statement gives in parallel columns the estimated and actual amounts of different items of works the cost of which was met from the grant of Rs. 87,400 for road watering for the year 1896-97.

Particulars.	Estimated amounts.	Actual amount spent.	Balance.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Watering roads by carts	61,760 0 0	56,266 7 9	
Watering roads by bhistees	8,000 0 0	6,877 9 3	
Watering roads by bullock bhistees..	900 0 0	....	
Repairs to and maintenance and purchase of tools and plant and other works incidental to the work of watering metalled roads and footpaths &c.	8,740 0 0	13,395 11 1	
Fixing new pattern Hydrants	8,000 0 0	7,073 11 5	
Total ... Rs.	87,400 0 0	84,113 8 0	
Add—Lapsed grant for 1895-96 renewed	7,275 0 0	7,238 10 0	
Total Rs...	94,675 0 0	91,352 2 0	3,322 14 0
Amount payable during 1897-98 for works ordered to be done by workshops	....	....	184 0 0
Grand Total Rs...	94,675 0 0	91,352 2 0	
		Saving.. Rs	3,138 14 0

376. The system of watering directly from the water mains by means of the new pattern hydrants and short lengths of hose, has been gradually extended during the year under report. The whole of Queen's Road and some of the principal roads in the Fort have been provided with such hydrants and they are now being watered on this system.

Footpaths.

377. The footpaths admeasuring in all 15,297 square feet along Cochin Street and portions of Mint Road were paved with blue stone at a total cost of Rs. 7,695-4-5.

378. The whole of the sanctioned grant could not be spent during the year under report firstly because tenders had to be reinvited owing to the death of the person whose tender was accepted in the beginning of the year, before the contract could be executed and secondly because the other contractors to whom the work was entrusted were unable to proceed with the work during the latter part of the year under review owing to the exodus of the workmen from the City.

379. Ordinary concrete pavement costs much less than the blue stone or Indian Patent stone pavement. An area of about 22,400 square feet of the Khote footpath has been paved with concrete during the year. It has hitherto stood fairly well, but a longer trial should be given to it, before introducing this system more extensively.

TRAMWAYS.

380. During the year under review new double tram lines have been opened to traffic in two places—one along Mazagon Road from Hancock Bridge to Matharpakhadi Road and the other along Kavasji Patel Tank Road from the junction of Falkland and Duncan Roads to Kavasji Patel Tank.

381. During the year under report the single tram track along Kalkadevi Road from Money School to the junction of Kalkadevi and Bhuleshwar Roads was doubled and the double tram lines along a portion of Esplanade Road and from Apollo Hotel to Ballard Pier *via* the Elphinstone Circle were renewed.

ROADSIDE TREES.

382. Trees were planted where required during the year under review, and the old trees were carefully tended.

G.

PUBLIC LIGHTING.

	Paras.
GAS LIGHTING	...383 to 390
KEROSINE OIL LIGHTING	...391 to 394
THE ELECTRIC LIGHTING	...395 to 400

GAS LIGHTING.

383. Almost all the ordinary gas lamps in the city were converted into incandescent gas lamps by the end of the year under report. During the progress of the work the old wooden posts and the cast-iron columns which had cracked were replaced by new cast-iron posts or wall-brackets and the disposition of the lamps was altered, whenever necessary, with a view to secure the maximum effect attainable as regards lighting.

384. The total sanctioned grant including contingencies for this conversion work was Rs. 2,17,842 and the actual expenditure incurred up to the end of the current official year has been Rs. 2,07,679-2-4.

385. During the year under review the kerosine oil lamps along Mayo Road, Queen's Road near Bandstand, and other important roads in Ward A, have been replaced by incandescent gas lamps which has considerably improved the lighting of those streets. The incandescent gas lamps put up on the Ballard Pier will also be taken over when they are suitably altered by the Port Trustees.

386. The total number of incandescent gas lamps in the city is 3,823 as detailed in the following statement :—

Ward.	Single light		Double lights.				Triple lights.		Quadruple lights.		Quintuple light.					Total.
	Part month.	Whole month.	Apollo Pier.	Frere Fountain.	Wellington Fountain.	Kharsedji M. Shroff Statue.	Part month.	Whole month.	Apollo Pier.	Victoria Docks.	Hornby Road.	Queen's Statue.	Church Gate Street.	Mint Road.	Prince's Dock.	
A.....	724	159	8	8	8	...	2	1	8	...	1	3	1	1	...	1002
B.....	468	196	...	...	...	...	1	...	...	4	...	...	...	...	1	638
C.....	429	209	...	...	...	...	...	1	...	...	...	...	...	...	...	641
D.....	603	43	...	...	...	...	7	...	...	...	...	...	...	...	...	667
E.....	457	85	...	...	...	4	3	...	...	...	...	...	...	...	...	559
F.....	113	10	...	...	...	...	1	...	...	...	...	...	..	...	...	126
G.....	124	16	...	...	...	...	...	...	...	...	...	...	...	...	...	140
Total...	2,918	718	8	8	8	4	14	2	8	4	1	3	1	1	1	3832

387. The introduction of the incandescent gas lighting has improved the lighting of the streets by at least 75 per cent. at considerable less lighting charge.

388. The minimum pressure of $\frac{8}{10}$ths of an inch was maintained at all the municipal pressure registers.

389. The gas supplied was free from sulphur and other impurities. The illuminating power of the gas when tested with argand burner in the Municipal Photometer house at Arthur Road was generally up to the contract standard. The illuminating power of an incandescent gas light averaged 30 candle power as against the minimum contract illuminating power of 25 candles.

390. Four more automatic pressure registers have been ordered out and will be fixed at suitable places during the current year.

KEROSINE OIL LIGHTING.

391. As in the preceding year the kerosine oil lighting was carried out departmentally during the year under review and kerosine oil of 150 proof test has been used throughout the year.

392. The total number of kerosine oil lamps in the city at the end of the year under review was 1,742 as shown in the following statement :—

WARD.	Double Wick.		Single Wick.		Totals.
	Part month.	Whole month.	Part month.	Whole month.	
A	...	...	93	16	109
B	...	...	126	45	171
C	...	1	27	100	128
D	50	...	94	46	190
E	...	...	322	124	446
F	2	...	368	2	372
G	...	...	252	74	326
Total ...	52	1	1,282	407	1,742

393. The total cost of kerosine oil lighting during the year under review was Rs. 42,946-11-6. Deducting from this Rs. 11,565-7-3, the sum recovered by the sale of empty kerosine oil cases and tins and the value of the kerosine oil cases which were in hand on 1st March 1896, the net cost of the kerosine oil lighting of the city during the year has been Rs. 31,381-4-7.

394. The average number of lamps during the year being 1,733, the average annual lighting charge per lamp works out to Rs. 18-1-8.

THE ELECTRIC LIGHT INSTALLATION FOR THE CRAWFORD MARKETS AND THE MUNICIPAL OFFICE.

395. The installation worked satisfactorily during the year. There were only two stoppages of the Municipal office lights, due to the breakage of the driving belt of the dynamo and four stoppages of the market lights from the breakage of the armature wires.

396. One of the latter stoppages occurred at daylight, and the three others late at night after the market was closed to the public. No inconvenience was therefore caused to the general public by these stoppages.

397. The new armature which was supplied by the makers of the market dynamo in lieu of the one originally sent with the machine was removed in the month of April and the spare original pattern armature which had been partly re-wound with a more flexible wire was substituted in its place.

398. The re-winding, which was carried out departmentally, has not entirely fulfilled the expectations formed of it, but it has, though not entirely prevented the breakage of wires, considerably reduced the frequency of such breakages, as during the whole of the ten months it has been at work, there were only two failures.

399. A new link leather belt for the office dynamo was purchased from Messrs. Walsh Lowett & Co., at a cost of Rs. 325.

400. The total cost of working the plant during the year was Rs. 10,635-14-5 against the apportionment of Rs. 10,800 under Section 5, Lighting Markets and Slaughter Houses, Health Department Budget.

H.

MUNICIPAL WORKSHOPS.

	Paras.
MONTHLY EXPENDITURE, &c.	401
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Stores jobs	401 & 402
Shop charges	401 & 402
Tools and repairs to machinery	401 & 402
Supervision charges	401 & 402
Profit on private works, hire of Workshop pumping engine, sale of unserviceable stores, &c. ...	401 & 402
Balance	401 to 404
Ground rent payable to Government	404 & 405
Water tax debited to Workshops grants	406
Store grant supplemented by a transfer	407
Repairs to Grant House and Workshops Building	327 & 408
ESTABLISHMENT	418 to 420
WORKS EXECUTED AT THE WORKSHOPS ...	409 & 410
ENGINES AND MACHINERY	417
REPAIRS, &c., EXECUTED TO—	
Rolling stock of Road and Health Departments ...	411 to 413
Love Grove Pumping Station machinery... ...	411 to 413
Electrolising Machinery	411 to 413
Colaba Air Compressor Station machinery ...	411 to 413
Steam rollers	411 to 413
Fire engines	411 to 413
Electric light machinery	411 to 413
Garlick incinerator	411 to 413
Gully flushing engines	411 to 413
Boilers of steam rollers renewed	414 to 416
Hydraulic Lift in the Municipal Office	413 & 421

MONTHLY EXPENDITURE, &c.

401. The following statement gives the monthly expenditure, amounts charged, &c., on account of work done and establishment entertained at the Municipal Workshops during the year :—

Statement showing the Monthly Expenditure, Amounts charged, &c., on account of Work done, and Establishment entertained at the Municipal Workshops during the year 1896-97.

| Month and Year. | Tools and Repair Charges. | | | | Departmental Works, &c. | | | | | | Store Jobs. | | | Shop Charges. | | | | | |

402. From this statement it will be observed that the expenditure incurred under the different heads of the Workshop Accounts was as follows :—

	Rs. a. p.	Rs. a. p.
For Departmental Works, &c.—		
Labour	32,102 2 4	
Stores	48,251 13 5	
Piece-work, cart-hire, &c.	378 10 0	
Total ...		80,732 9 9
For Workshop Stores—		
Labour	622 10 9	
Stores	2,855 12 9	
Total ...		3,478 7 6
For Shop Charges—		
Labour	1,317 9 6	
Stores	8,290 14 6	
Piece-work, contingencies, ground rent, water, &c.	874 11 1	
Total ...		10,483 3 1
For Tools, Repairs to Machinery, &c.—		
Labour	162 6 6	
Stores	1,220 3 9	
Piece-work, repairs to buildings, &c.	442 7 2	
Total ...		1,825 1 5
For Supervision Charges, Establishment, &c.—		
Establishment	8,320 9 3	
Stores	5 10 8	
Contingencies	458 11 6	
Total ...		8,784 15 5
Total Working Expenditure ...		21,093 3 11
The Total Expenditure during 1896-97 was Rs. ...		1,05,304 5 2

	Rs. a. p.	Rs. a. p.
The total expenditure during 1896-97 on account of Departmental works, &c., and for Workshop store jobs aggregated, with the percentage for supervision, shop charges, &c., to		1,13,345 14 4
Add—Amount of incomplete jobs at the beginning of the year 1896-97		1,096 14 5
		1,14,442 13 9
Deduct—Amount of incomplete jobs at the end of the year 1896-97		13,568 0 3
Thus the total amount of bills preferred by the Workshops in 1896-97 was		1,00,874 12 6
The actual charges for working the Shops, *i.e.*, for supervision (exclusive of the pay of the Superintendent of Workshops and Machinery, which was in former years charged to the Workshops, but now debited to the Executive Engineer's Office Establishment as the pay of the Assistant Engineer, Mechanical Branch), shop and repair charges, repairs to and purchase and renewal of tools and machinery, &c., amounted to		21,093 3 11
The amount recovered on account of the abovementioned expenses by charging the fixed percentage of 35 per cent. on the cost of labour employed and materials used for works executed at the Shops was	28,256 7 8	.....
The difference between the actual cost of working the Municipal pumping engine and the fixed charges at which it was let on hire to private parties and for departmental works was	759 5 1	.....
The percentage charged on private works executed was	59 0 4	.....
Amount realized by the sale of unserviceable and surplus articles was	917 11 1	.....
Amount realized by the sale of saw-dust	15 0 0	.....
Allowance for stationery, &c., for Garlick's Incinerator	60 0 0	.....
The balance in favor of the Workshops was therefore	.....	8,974 4 3
Total Rs. ...	30,067 8 2	30,067 8 2

Percentage for Supervision, Shop, Repair Charges, &c., Ground Rent and Water Supply.

403. The balance, or surplus, in favour of the Workshops is the largest that has been realized for some time.

404. The amount represents a profit of about 8½ per cent. on the outlay for labour and stores, and it would appear to be possible to reduce the Shop and Supervision charges from 35 per cent. to 30 per cent., but a good deal depends upon the amount of rent which we may be called upon to pay to Government for the site occupied by the Workshops. As mentioned in the last Administration Report, the Government now demands a much higher rent for the ground occupied by the Workshops and the Store premises, the Garlick Incinerator, and the Health Department Offices and Stables, &c. The question is under discussion, and no rent was paid during the year under review. If it is found that the Municipality have to pay rental on the higher scale now demanded, the sum of about Rs. 5,500, which would have to be paid on account of the area occupied by the Workshops, Store yards, &c., would considerably reduce the above-mentioned balance.

405. It is hoped that the question of occupancy of the Workshops site will soon be settled, as the uncertainty about this matter is delaying many reforms and improvements which can be effected to work the Shops economically.

406. Charges for water consumed at the Workshops amounting to Rs. 791-13-5 were credited to the Municipal Fund out of the grant for Stores and Water Supply.

407. This grant, owing to unforeseen works on account of the plague, had to be supplemented by a transfer of Rs. 4,500 from savings under the grant for Establishment.

408. Charges amounting to Rs. 416-12-0 for repairs to Grant House and Rs. 1,825-1-5 for repairs to Workshops Buildings, including a sum of Rs. 1,094-12-0 expended on renewing a part of the galvanized roofing sheets of the main building, were also met out of the Workshops grants.

New Works executed at the Workshops.

409. The following are the principal items of new work taken in hand during the year :—

For the Health Department—

- 24 Wooden hand carts.
- 3 Bullock carts for removal of dead bodies.
- 7 Hose reels for gully flushing.

For the Drainage Branch of this Department—

- 10 Wooden hand carts.
- Providing electric-light installation at the Colaba Pumping Station.
- Fixing electrolising plant at the Carnac Bandar Depôt.

For the Water Works Branch of this Department—

20 Trollies for carrying materials and 1 Inspector's trolly for use on the Tansa pipe line.

* 7 Measuring penstocks for Bhundarwada Reservoir.

5 Screen frames for Malabar Hill Reservoir.

For the Road Branch of this Department—

12 Drain carts.

12 Benches for Hornby Vellard.

410. The items marked with an asterisk were not entirely completed at the close of the year, owing either to absence of workmen or the order for the same being given late in the year.

Repairs executed.

411. Besides the above works, the Workshops have continued to keep in repair the rolling stock of the Health and Road Departments, as well as the numerous articles of plant and machinery used by the various departments.

412. The repairs to steam machinery now constitutes an important branch of the work executed at the Workshops.

413. The following is a list of steam engines, steam pumps, and steam boilers at present in use of the various departments of the Municipality :—

Departments.	Steam Engines and Steam Pumps.	Steam Boilers.
EXECUTIVE ENGINEER'S DEPARTMENT.		
Drainage Branch.		
Love Grove Pumping Station	8	4
Colaba do. do.	6	2
Electroliser (Carnac Bandar)	1	1
Water Works Branch.		
Pawai (not in use)	3	2
Chinchpoogly Stores	1	1
Road Branch.		
Road Steam Rollers	22	22
Workshop Branch.		
Workshops	3	3
Electric Light	3	1
Hydraulic Lift	1	1
Health Department.		
Incinerator	2	1
Gully Flushing	7	7
Fire Brigade Department.		
Fire Brigade Steam Engines	8	8
Total ...	65	53

414. The rebuilding of No. 18 Steam Roller, for which a new boiler was made in the previous year, was completed, but the roller was not sent out to work owing to the want of road coolies.

415. The eight-ton Steam Roller No. 17 had a new fire-box, shell-plate, and tube-plate fitted during the year. The re-erection of the roller is in hand, and will be shortly completed.

416 The boiler of the ten-ton Steam Roller No. 7 has become worn out, and a new boiler is therefore being made for it.

ENGINES AND MACHINERY.

417. In January the portable engine belonging to the Love Grove Pumping Station, which had been in use since the previous year, for driving the Workshops Machinery, was removed to Carnac Bandar to work the electrolizing plant recently purchased. The old stationary engine formerly in use at the Workshops had therefore to be re-started. This has caused an increased consumption of coal, but, as the Corporation have sanctioned a grant of Rs. 7,000 in the current year's Budget for the purchase of a new engine, it is hoped that the use of the old one will not be continued much longer.

ESTABLISHMENT.

418. A good deal of inconvenience and delay was caused during the latter months of the year by the desertion of a large number of workmen who left Bombay owing to fear of the Plague. The Gujarati smiths were conspicuous by their absence, and very few of them had returned at the time of writing this report. The Goanese workmen also, with one or two exceptions, had similarly left Bombay. The Mahomedan, Parsee, Jew and Eurasian employés in every case had stuck to their posts, except when incapacitated by actual sickness, and praise is due to them for their devotion to duty.

419. As far as is known at present, nine of the Workshops employés succumbed to the epidemic, the victims amongst the different castes and creeds being as follows :—

Mahomedans	3
Hindus	4
Jews	1
Portuguese	1
Parsees	0
Total ...	9

420. There was not a single case of desertion in the clerical staff in the Workshops, and it is gratifying to note that no application even for leave was made by any one during the whole course of the epidemic. I regret to record the death from the Plague in this staff of the ticket clerk, Pandu Vithoo.

HYDRAULIC LIFT.

421. The Hydraulic Lift worked satisfactorily without any stoppage during the year with an expenditure of Rs. 1,611-0-9, which slightly exceeded the Budget provision of Rs. 1,600.

I.

GENERAL.

	Paras.
CONTRACTS EXECUTED	422
LEASES OF RIGHTS SOLD	423
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LETTERS RECEIVED AND DESPATCHED	426
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CONTRACTS EXECUTED FOR AND DURING THE YEAR 1896-97.

422. The following statement gives particulars of the contracts entered into for and during the year 1896-97 for annual and other supplies and for the construction of various works :—

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
	Supplies.				Rs. a. p.
1	Iron castings ...	Messrs. Sorabji Shapurji & Co.	436	15th Apr. 1896	At schedule rates
2	Gas coke	The Bombay Gas Co.	14025	4th Mar. 1896	Rs. 24 per ton.
3	6 Punkhas for the Council Hall.	Messrs. N. Samsudin Mahamad & Co.	8035	11th Nov. 1896	528 0 0
4	200 tons of Davison's West Hartley coal and 100 tons of Powell's Duffryn Cardiff coal, at the Municipal Workshops.	Messrs. Dadabhoy Hormusji & Co.	934	29th Apr. 1896	5,700 0 0
5	50 tons of Powell's Duffryn Cardiff coal for the Municipal Workshops.	Do. ...	7640	3rd Nov. 1896	1,225 0 0
6	150 tons of Davison's West Hartley coal at the Municipal Workshops.	Do. ...	9943	23rd Dec. 1896	3,037 8 0

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.		
			No.	Date.	Rs.	a.	p.
7	60 tons of Davison's West Hartley coal, 250 tons of Sibpur coal, and 250 Tons of Powell's Duffryn Cardiff coal at the Municipal Workshops.	Messrs. P. Nasserwanji & Co.	14125	17th Mar. 1897	10,262	8	0
8	100 tons of Davison's West Hartley coal at the Love Grove Pumping Station and 30 tons of Davison's West Hartley coal at the Municipal Workshops.	Messrs. Sulemanji Mulla Abdoolali & Co.	679	22nd Apr. 1896	2,600	0	0
9	500 tons of Powell's Duffryn Cardiff coal and 500 tons of Davison's West Hartley coal at the Love Grove Pumping Station and 300 tons of Davison's West Hartley coal at the Municipal Workshops.	Do. ...	1530	13th May 1896	25,456	4	0
10	50 tons of Powell's Duffryn Cardiff coal and 50 tons of Davison's West Hartley coal for the Love Grove Pumping Station, 30 tons of Cardiff coal for the Colaba Air Compressor Station, & 20 tons of Davison's West Hartley coal for the Municipal Workshops.	Do. ...	168	8th Apr. 1896	3,160	0	0

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.		
			No.	Date.	Rs.	a.	p.
11	100 tons of Powell's Duffryn Cardiff Coal at the Love Grove Pumping Station and 20 tons of Powell's Duffryn Cardiff coal at the Colaba Air Compressor Station.	Messrs. C. J. Khambata & Co.	679	22nd Apr. 1896	2,490	0	0
12	125 tons of Davison's West Hartley coal for the Love Grove Pumping Station.	Do. ...	1518	13th May 1896	2,437	8	0
13	125 tons of Powell's Duffryn Cardiff coal for the Love Grove Pumping Station.	Messrs. Sulemanji Mulla Abdoolali & Co.	1518	13th May 1896	2,687	8	0
14	500 tons of Deshighur Bengal coal at the Love Grove Pumping Station.	Mr. H. F. Good ...	1530	13th May 1896	6,500	0	0
15	250 tons of Singareni Deccan coal for the Love Grove Pumping Station.	Do. ...	7038	14th Oct. 1896	3,437	8	0
16	370 tons of Singareni Deccan coal for the Love Grove Pumping Station.	Mr. John Marshall through the Municipal Broker.	8332	18th Nov. 1896	4,671	4	0
17	60 tons of Sibpore Bengal coal for the Love Grove Pumping Station.	Messrs. Killick, Nixon & Co. through the Municipal Broker.	8332	18th Nov. 1896	690	0	0
18	450 tons of Sibpore Bengal coal for the Love Grove Pumping Station.	Do. ...	10970	20th Jan. 1897	5,443	12	0

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.		
			No.	Date.			
					Rs.	a.	p.
19	500 tons of Sibpore Bengal coal for the Love Grove Pumping Station.	Mr. Fardunji Framji Karaka.	14253	24th Mar. 1897	6,875	0	0
20	300 tons of Powell's Duffryn Cardiff coal at the Colaba Air Compressor Station.	Messrs. Dadabhai Hormasji & Co.	1530	13th May 1896	6,300	0	0
21	3,000 casks of Portland cement.	Messrs. Sulemanji Mulla Abdoolali & Co.	6766	7th Oct. 1896	23,437	8	0
22	200 do. ...	Do. ...	6767	7th Oct. 1896	1,562	8	0
23	3,000 running feet of 6″ Burns' stoneware Pipes for the Drainage of new Mahomedan Burial-ground.	Messrs. Garlick & Co.	11829	3rd Feb. 1897	1,359	6	0
24	600 pieces of 3″ cast iron pipes of 6′ lengths, 3/16″ thick.	Do. ...	6768	7th Oct. 1896	1,800	0	0
25	3″ pipes and fittings to replace broken fittings, &c., in the "affected houses in Mandvi District."	Do. ...	6769 & 8026	7th Oct. 1896 & 11th Nov. 1896	4,260	10	0
26	3″ pipes and fittings to replace broken fittings, &c., in the "affected houses in Mandvi District."	Messrs. Richardson & Cruddas.	6769	7th Oct. 1896	1,238	2	0
27	Pipes and fittings for house connection work in Mandvi.	Do. ...	7641	3rd Nov. 1896	1,637	8	0
28	Do. do. ...	Messrs. Sulemanji Mulla Abdoolali & Co.	7641	3rd Nov. 1896	995	5	0

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.		
			No.	Date.			
					Rs.	a.	p.
29	Cast iron pipes and fittings for house connections in Kala-Chowki Road and other places.	Messrs. Garlick & Co.	13686	10th Mar. 1897	1,309	6	0
30	2 Electrolisers for electrolisation of sea water.	Messrs. Richardson & Cruddas.	8038	11th Nov. 1896	23,550	0	0
31	4 small fire-engines for gully flushing.	Do. ...	11438	27th Jan. 1897	11,020	0	0
32	20 tons of chloride of lime.	Messrs. John Fleming & Co.	10263	6th Jan. 1897	5,180	0	0
33	240 yards 18" Gauge portable railway system A A. 10 lbs. rails and two turntables.	Messrs. John Fowler & Co.	1251	6th May 1896	700	0	0
34	5,200 W. I. plugs of different sizes.	Messrs. Richardson & Cruddas.	12915	24th Feb. 1897	912	8	0
35	Twenty ½" Tylor's Rotary Meters.	Mr. Charles Briggs.	1787	27th May 1896	640	0	0
36	Meters and fittings for waterworks.	Messrs. John Fleming & Co.	6053	9th Sept. 1896	37,771	15	3
37	Spare parts of Deacon's waste water meters.	Palatine Company..	1787A	27th May 1896	2,000	0	0
38	Clothing for the Staff of Waterworks and Fire Brigade Depts.	Messrs. H. Cassum & Co.	9834	16th Dec. 1896	4,359	12	0
39	6 road sweeping machines.	Messrs. Sulemanji M. Abdoolali & Co.	929	29th Apr. 1896	4,230	0	0
40	2,400 running feet of rubber hose for watering roads & flushing gullies.	Messrs. Walsh Lovett & Co.	3902	15th July 1896	2,850	0	0
41	13,235 house number plates.	Mr. Shankarrao Baba Mandrupkar.	1962	3rd June 1896	2,250	0	0
42	1,000 steel pickaxes manufactured by Hardy Pick & Co.	Mr. W. C. Rowe....	4685	12th Aug. 1896	19 per dozen.	8	0
43	2,000 cases of kerosine oil.	The Standard Oil Co.	10110	30th Dec. 1896	10,345	13	4

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
	Works.				Rs. a. p.
44	Annual repairs, petty works, and supply of materials.	Messrs. Sullemanji Mulla Abdulalli & Co.	14569	11th Mar. 1896	At 14¼ per cent. below schedule rates.
45	Winding, repairing, &c., Municipal Clocks.	Mr. Sorabji Jamsetji.	Comr.'s No. 24848	3rd Mar. 1896	520 0 0
46	Work of carrying coal from the Harbour, Docks or Bandars and delivering, weighing and stacking the same at the Stations.	Mr. Ranchord Mowji.	7571	28th Oct. 1896	At schedule rates.
47	Supplying and fixing 2 glazed pavement lights in Bhuleshwar Market.	Messrs. George Service & Co.	9089	2nd Dec. 1896	2,000 0 0
48	Supplying and fixing 21 arc lamps with single lights fixed complete in Bhuleshwar Market.	Mr. A. Mahler ...	Comr.'s No. 22981	30th Jan. 1897	1,050 0 0
49	Quarters for bigaries of the Market at Colaba and coal & store rooms for the Fire Brigade Station thereat.	Mr. Dewram Keshowji.	680	22nd Apr. 1896	3,096 0 0
50	Construction of quarters at Babula Tank for the Chief Inspector and Sluicemen of the Water Works Department.	Do. ...	5142	19th Aug. 1896	18,565 15 8
51	Construction of shop on Municipal land at Mint Road.	Mr. Pirozsha Pestonji.	5614	2nd Sept. 1896	2,992 10 3

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.		
			No.	Date.			
52	Construction of quarters for the animal keepers and office rooms for clerks in the Victoria Gardens.	Messrs. Dewram Keshowji & Co.	10083	30th Dec.1896	10,738	4	2
53	Work of filling in low ground on the east side of Narielwadi for the burial of Mahomedans and Jews with earth got out of excavation of Narielwadi.	Messrs. Teju Kaya & Co.	11442	27th Jan. 1897	31,330	0	0
54	Erecting rubble masonry walls on the site of the proposed burial-ground at Tank Bandar.	Do. ...	11442	27th Jan. 1897	8,186	0	0
55	Supplying and fixing windmill and pump in the compound of the Drainage Office at Foras Road.	Messrs. Macbeth Brothers & Co.	6450	30thSept.1896	770	0	0
56	Construction of Night Soil Depôt at Bhungy Mohalla.	Messrs. Sulemanji Mulla Abdulalli & Co.	6449	30th Sept.1896	3,745	8	3
57	Making alterations to the filter beds at the Malabar Hill Reservoir.	Messrs. Framji Sorabji & Co.	8037	11th Nov.1896	17,414	2	5
58	Plastering the floor and pointing the walls of the old settling basin of the Bhandarwada (John Hay Grant) Reservoir with Indian Patent stone.	Messrs. Garlick & Co.	12596	17th Feb.1897	23,175	0	0

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
59	Repairing and painting lanterns and posts for Kerosine oil lighting in different parts of the City.	Mr. Abdul Husen Kikabhai.	3904	15th July 1896	1,475 0 6
60	Paving footpaths and laying water-tables and kerbings.	Messrs. Spencer & Co.	4194	29th July 1896	22,449 7 9

LEASES OF RIGHTS SOLD.

423. The following list shows the leases of various rights sold during the year 1896-97 for cutting grass, and gathering fruit, &c., from Municipal lands, and for fishing in and gathering flowers, singaras, &c., from Municipal tanks, water channels, &c.

Consecutive Nos.	Description of rights.	Periods for which the rights were sold.	Names of parties to whom the rights were sold.	Amounts realized.	Area of land, number of trees, &c.	
					Land.	Trees.
	WATER BRANCH.			Rs. a. p.		
1	Taking grass from Municipal grass land around the margin of Pawai Lake and about the Vehar Road and Pawai engine house.	From 1st Feb. 1896 to 31st Jan. 1897.			About 100 acres.	
2	Taking grass from the margin of Vehar Lake, from the islands in the lake, and from the banks of catch-water channels.	Do. ...			Over 100 acres.	
3	Taking grass from the margin of Tulsi Lake and in the Tulsi jungle, including forest land.	Do. ...			About 1,600 acres	
4	Taking grass from the Tulsi pipe line, Tulsi to Andheri-Moral Road.	Do. ...			36 acres.	
5	Taking grass from the Tulsi pipe line, Andheri-Moral Road to Bandra.	Do. ...			26 „	
6	Taking grass from the Vehar pipe line, Vehar to Kurla.	Do. ...	Mr. J. Soares	1,200 0 0	17 „	
7	Taking mangoes from Municipal trees at Pawai.	From 1st Jan. 1896 to 31st Dec. 1896.			.....	2,500
8	Taking leaves from date trees on Municipal land at Pawai.	Do. ...			.....	
9	Taking leaves and fruits from tad palms on Municipal lands at Pawai, Vehar and Tulsi.	Do.			.....	
10	Taking fruits from all Municipal tamarind, custard-apple, guava, jambul, bore and cocoanut trees at Pawai.	Do. ...			.....	
11	Taking all dead trees of every kind and all living trees and brush-wood at Pawai, except trees of the following kinds :—mango, tamarind, custard-apple, guava, jambul, bore, cocoa, tad and date palms.	Do. ...			.....	
12	Cultivating and taking singaras in the Goper Dam and 2 tanks on the margin of Pawai Lake.	Do. ...			.....	
13	Fishing in Pawai Lake ...	Do. ...			...	
14	Cultivating rice on land near Pawai engine house.	Do. ...			About 2 acres.	
15	Taking grass from the margin of Tansa Lake.	From 1st Feb. 1896 to 31st Jan. 1897.	Mr. Vithal Balkrishna.	10 0 0		

Leases of Rights Sold—*continued.*

Consecutive Nos.	Description of rights.	Periods for which the rights were sold.	Names of parties to whom the rights were sold.	Amounts realized.	Area of land, number of trees, &c.	
					Land.	Trees.
				Rs. a. p.		
16	Taking grass and gathering fruits from mango and other injaili trees from duct line, from junction with 1,000 feet strip to tunnel No. 2 and cultivating the piece of Municipal rice land at Khosta.	From 1st Feb. 1896 to 31st Jan. 1897.	Mr. Vithal Balkrishna.	140 0 0	270 acres.	
17	Taking grass and gathering fruit from mango and other injaili trees from duct line, from junction with 1,000 feet strip to tunnel No. 2 and cultivating the piece of Municipal rice land at Khosta.	Do. ...	Do. ...	65 0 0	27 „	
18	Taking grass and gathering fruit from mango and other injaili trees from tunnel No. 2 to tunnel No. 3 and cultivating the rice land.	Do. ...			36 „	
19	Taking grass and gathering fruit from mango and other injaili trees from the Tansa duct line, from tunnel No. 3 to tunnel No. 4.	Do. ...			20 „	
20	Taking grass and gathering fruit from mango and other injaili trees from Tansa duct line, from tunnel No. 4 to tunnel No. 7.	Do. ...	Mr. Bendia Poshia.	15 0 0	37 „	
21	Taking grass from the Tansa duct line, from tunnel No. 7 to tunnel No. 8.	Do. ...			45 „	
22	Taking grass from the Tansa duct line, from tunnel No. 8 to Tunnel No. 10.	Do. ...			32 „	
23	Taking grass and gathering fruit from mango and other injaili trees growing on the Tansa duct line, from north end of Bassein Creek siphon to Bassein Creek bridge.	Do. ...	Mr. Abdullavallad Mahomed.	100 0 0	91 „	
24	Taking grass and gathering fruit from mango and other injaili trees growing on the Tansa duct line, from south of No. 2 Bassein Creek bridge to the south end of Bassein Creek siphon.	Do. ...	Mr. Barkia Saddu.	65 0 0	42 „	
25	Taking grass and gathering fruit from mango and other injaili trees growing on the Tansa duct line, from the North end of Pawai siphon to Ghatkoper siphon head.	From 1st May 1896 to 31st January 1897	Mr. Vincent Illia Patel.	50 0 0	32 „	
26	Taking grass and gathering fruit from the mango and other injaili trees growing on the Tansa duct line, from Ghatkoper siphon head to Kurla Creek.	Do. ...			71 „	

Leases of Rights Sold—*continued.*

Consecutive Nos.	Description of rights.	Periods for which the rights were sold.	Names of parties to whom the rights were sold.	Amounts realized.	Area of land, number of trees, &c.	
					Land.	Trees.
				Rs. a. p.		
27	Taking grass growing on the Municipal land at Malabar Hill Reservoir.	From 15th June 1896 to 31st May 1897.	Mr. Govind Rama.	31 0 0 + 2 10 2 for General Tax at 8½ per cent.	About ¾ acre slope of Reservoir and 2 acres of rough land.	
28	Taking grass growing on the Municipal land at Bhandarwada Reservoir.	Do. ...	Messrs. Littlewood & Palanji.	25 0 0 (including General Tax.)	About ¾ acre slope of Reservoir.	
29	Taking grass growing on the Municipal land at Tulsi pipe line from Mahim to Mahalakshmi.	Do. ...	Mr. Maloo Yenkatti.	160 0 0 +13 9 8 for General Tax at 8½ per cent.	A strip of land 50 feet wide, but taken up for pipe and road.	
30	Removing oyster shells from the stone embankment of the Tulsi 24″ main between Mahim and Bandra.	Six months, from 30th April 1896.	Mr. Shivram Laxuman.	20 0 0	.....	
	DRAINAGE BRANCH.					
31	Taking grass from the Municipal ground about Bellasis bridge.	Year ending 31st May 1897.	Mr. Malu Papru.	450 0 0 +34 6 10 for General Tax.	4,828 sq. yds.	
32	Taking grass from the Municipal ground about Arthur Road.	Do. ...			6,391 „	
33	Taking grass from the Agripada open drain, from the Agripada milch cattle stable, Haines Road to Arthur Road.	Do. ...			7,720·72 „	
34	Taking grass from the Municipal land between Waree Bunder Road and the G.I.P. Railway Company's compound at Hancock bridge.	Do. ...			838·52 „	
35	Taking grass from the north-east corner of the storm-water reservoir at Clerk Road.	Do. ...	Mr. Sayana Rajana.	950 0 0 +72 10 10 for General Tax.	5,478 „	
36	Taking grass from the eastern slope of the Hornby Vellard	From 1st Jan. 1896 to 31st Dec. 1896.	Mr. Ramdu Rajana Kamati.	215 0 0 +16 7 2 for General Tax.	5,333 „	
37	Fishing in Worlee channel and sluices and tank in Mingut Mandli.	From 1st April 1896 to 31st March 1897.	Mr. Narayan Raghoba.	475 0 0		
38	Fishing in Dharavi channel and sluices.	Do. ...	Mr. Padma Bodia.	35 0 0		
39	Taking grass from the Municipal land near the condensing reservoir at the pumping station and from the compound of Mr. Varjivandass Madhawdas' bungalow rented by the Municipality.	From 1st Jan. 1896 to 31st Dec, 1896.	Veterinary-Surgeon Anderson.	123 0 0 + 9 6 6 for General Tax.		

Leases of Rights Sold—*continued.*

Consecutive Nos.	Description of rights.	Periods for which the rights were sold.	Names of parties to whom the rights were sold.	Amounts realized.	Area of land, number of trees, &c.	
					Land.	Trees.
	GENERAL BRANCH.					
40	Cultivating the plot of land purchased from Mr. Jamsetji Khursetji Cama in Agripada.	Year ending 31st March 1897.	Mr. Nagoo Balu.	Rs. a. p. 35 0 0 +2 10 10 for General Tax.	9,748 sq. yds.	
41	Cultivating the ground in Agripada bought from Bai Saraswatibai.	1st June 1896 to 31st May 1897.	Bhagubai and her son Ramchandra Damaji.	430 0 0 +32 4 4 for General Tax.	17,739 „	
42	Taking grass from and cultivating the available portion of the Municipal land at Chinchpokli.	Year ending 31st March 1897.	Mr. Darkooji Rakdooji.	60 0 0	11,788 „	
43	Cultivating two plots of ground in the Agripada District lately purchased from Sir Dinsha M. Petit.	From 1st Aug. 1896 to 31st July 1897.	Mr. Meraman Shivdas Kharvi	225 0 0	10,439 „	
44	Cultivating and taking vegetables, &c., from the ground at Agripada, lately acquired from Mr. Raghunath Makund and others.	Do. ...	Mr. Hamir Kurson.	460 0 0 +35 3 0 for General Tax.	16,953 „	
45	Taking grass and cultivating the land along both sides of the New Road along the 48" Tansa main from Dadar Road to the junction of Sion and Matunga Roads, and of gathering fruits from the (*a*) mango and (*b*) cocoanut trees and drawing toddy from the latter trees thereat.	From 1st July 1896 to 30th June 1897.	Mr. Krishnaji Bhasker.	400 0 0	53,000 „	
46	Taking mangoes from the land recently acquired at Tank Bunder for the Mahomedan Burial Ground.	From April to June 1896.	Mr. Daud Abdul Rahiman.	15 0 0		
47	Fishing in the Futka Tank ...	From 10th July 1896 to 31st March 1897.	Mr. Bhau Manglia.	8 0 0	3,782 sq. yds.	
48	Tapping 19 cocoanut trees in the compound of the Gowalia Tank Road Ward Office.	From 1st July 1896 to 30th June 1897.	Mr. Dadoba Baloba Aldankar.	47 8 0	.....	19
49	Fishing in the Satgar Tank at Sion.	From 7th Dec. 1896 to 31st March 1897.	Mr. Joze Sebastian Taxeira.	12 0 0	7,138 sq. yds.	
50	Tapping trees standing on Municipal land known as proposed Foras Road, G ward.	From 1st Aug. 1896 to 31st July 1897.	Mr. Pallonji Novroji.	85 0 0	.....	20
51	Tapping trees on the grounds of the Love Grove pumping station.	Do. ...				5
52	Tapping trees in the compound of Mr. Verjiwandas Madhavdas' bungalow at Worli.	Do. ...				45

Leases of Rights Sold—*continued.*

Consecutive Nos.	Description of rights.	Periods for which the rights were sold.	Names of parties to whom the rights were sold.	Amounts realized.	Area of land, number of trees, &c.	
					Land.	Trees.
53	Cultivating and removing grass and vegetables, &c., from the Municipal land at Haines Road.	Year ending 31st March 1897.	Mr. Nagu Baloo ...	Rs. a. p. 450 0 0 +34 6 10 for General Tax.	16,482 sq. yds.	
54	Taking grass from the banks of the storm-water reservoir at Mahalaxmi from Clerk Road to the Love Grove pumping station.	From 1st Jan. 1896 to 31st Dec. 1896.	Mr. Lakshman Ramdu Kamati.	850 0 0 +65 0 5 for General Tax.	38,855 ,,	
55	Cultivating and removing grass and vegetables from the Municipal land at Ripon Road.	Year ending 31st March 1897.	Messrs. Nagu Balu and Malu Sybu.	1,225 0 0 +93 11 5 for General Tax.	2,70,146 ,,	
56	Fishing, planting and gathering singaras in the Siwli Tank at Parbhadevi, Diji Tank at Mahim, Hasali Tank at Mahim, and Jambli Tank at Mahim.	From 2nd May 1896 to 31st March 1897.	Mr. Ganpat Saku Bhoi.	100 0 0	20,850 ,,	
57	Cultivating the Municipal land near the Hasali Tank, Lady Jamsetji Road.	From 1st April 1896 to 31st May 1897.	Mrs. Ratubai Kharvin.	25 0 0 + 1 14 7 for General Tax.	1,434 ,,	
58	Removing grass from the Municipal land on the Tansa Pipe Line from the south of the Wadia Mahal Salt works to Matunga Road near the Futka Tank.	From 1st Aug. 1896 to 31st May 1897.	Mr. Bhawoo Manglia Mahatri.	8 0 0 + 0 11 0 for General Tax.		
59	Tapping date, palm, brab, &c., trees at the Malabar Hill Reservoir.	From 1st Aug. 1896 to 31st July 1897.	Mr. Sorabji Jamasji.	20 0 0	.....	20
60	Cultivating and taking grass and vegetables from the Municipal land at Ripon Rd.	Year ending 31st March 1897.	Mr. Ebrahim Abdul Rahiman.	13 0 0	2,468 sq. yds.	
61	Cultivating and taking grass and vegetables from the Municipal land adjoining DeLisle Road.	From 1st June 1896 to 31st May 1897.	Mr. Sayana Rajana.	55 0 0	5,196 ,,	
62	Cultivating and taking grass and vegetables from the Municipal land adjoining Parel Road.	From 1st July 1896 to 30th Nov. 1896.	Mr. Santu Naru ...	140 0 0	7,967 ,,	
63	Cultivating and taking grass and vegetables from the Municipal land adjoining Reay Road.	From 1st June 1896 to 31st Oct. 1896.	Mr. Nanda Hari ...	165 0 0	32,800 ,,	
64	Removing grass from the footpaths and rides on Clerk Road and Hornby Vellard.	From 1st July 1896 to 30th Nov. 1896.	Mr. Lakshman Kamaj.	210 0 0	45,006 ,,	

BILLS, VOUCHERS, &c., RECEIVED AND PASSED.

424. Comparative statement of the number of bills, vouchers, &c., received, examined and passed during the five years from 1892-93 to 1896-97 :—

Description.	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.
Bills for supplies, works, &c.	8,091	6,750	6,201	6,693	7,481
Departmental Works Bills	2,045	1,778	1,851	2,108	2,067
Private Works Bills	3,104	3,358	3,621	3,258	2,268
	13,240	11,886	11,673	12,059	11,816

NOTICES, &c., ISSUED.

425. Comparative statement of the number of notices, &c., issued during the five years from 1892-93 to 1896-97 :—

Section.	Description.	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.
	STREET AND BUILDING BRANCH.					
231	To provide rain-water eaves, gutters and down pipes.	129	629	426	167	288
232	To drain undrained premises not within a hundred feet of a Municipal drain.	4	1	.....	.....	.....
234	To provide effectual drainage to new buildings.	26	3	.....	.....	.....
247&248	To provide water closets, privies, or urinals.	.....	29	34	28	8
257	To remove encroachment on drain, cesspool, house gully, privy, urinal, &c.	23	49	42	46	29
299	Intimation to take possession of land outside building for street improvement.	25	86	48	43	51
305	To level metal or pave drain and light private streets.	143	8	27	89	.....
308	To remove new projections ...	108	119	112	126	71
309	To remove old projections ...	186	154	47	48	5
	Carried forward ...	644	1,078	786	547	452

Notices, &c.—*continued.*

Section.	Description.	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.
	Brought over ...	644	1,078	736	547	452
311	To remove or alter door, gate, bar or window, opening upon a street.	129	218	59	53	21
315	To remove projection or obstruction in or upon any street or upon or over open channel, drain, well or tank.	1	40	1	6	.....
329	To repair, protect or enclose wells or dangerous places.	19	9	1	9	5
349	To remove inflamable materials in external walls and roof covering.	1,020	1,071	789	990	994
351	To remove, alter or pull down structures erected without Municipal approval or to submit plans for the same.	554	478	447	484	294
353	To alter building erected or to amend work done contrary to the provisions of the Municipal Act or Building Bye-laws.	161	371	428	421	325
354	To pull down ruinous houses ...	413	242	206	400	321
380	Removing or altering insanitary huts or sheds.	.....	.....	.....	.....	13
383	To cut and trim trees, shrubs and hedges.	13	8	4	8	2
426	Demolishing insanitary structure to prevent the spread of infectious diseases.	.....	.....	.....	.....	586
488	Intimation of intention to enter houses after 24 hours' notice.	1,904	1,157	942	1,360	988
I	Notices issued under the Epidemic Disease Act.	.....	.....	.....	.....	42
I & IX	Do. do. do. ...	.....	.....	.....	.....	76
	DRAINAGE BRANCH.					
222	For making Municipal drains outside Municipal property.	4	9	1	1	.....
230	To carry drains through land belonging to other persons.	.....	7	3	8	12
231	To drain undrained premises within a hundred feet of a Municipal drain.	141	412	441	686	248
231&232	To drain undrained premises within or without a hundred feet of a Municipal drain.	.....	.....	.....	.....	1
231&257	To close, remove, renew, repair, &c., drainage of premises without sufficient means of effectual drainage.	49	7	129	40	50
	Carried forward ...	5,052	5,107	4,187	5,013	4,430

Notices, &c.—*continued.*

Section.	Description.	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.
	Brought over ...	5,052	5,107	4,187	5,013	4,430
231&260	To drain undrained premises through the Municipal Agency.	.....	.....	.....	.....	160
232	To drain undrained premises not within a hundred feet of a Municipal drain.	34	32	30	24	43
232&257	To provide a cesspool and to repair, &c.	.....	.....	.....	.....	4
234	To provide effectual drainage to new buildings.	1	2	4	1	7
238	To declare joint ownership of a drain.	.....	.....	.....	.....	2
244	To affix shafts or pipes for ventilation of drains, &c.	19	18	5	9	14
248	To provide water closets, privies, or urinals.	13	5	2	3	5
248&257	To provide, renew, repair, &c., water closets, privies, and urinals.	1	.....	.....	.....	.....
257	To renew, repair, &c., drainage of houses.	67	329	1,298	1,433	1,003
257&260	To execute, repair, &c., to drain cesspool, &c., through the Municipal agency.	.....	.....	.....	.....	714
258	To execute works in good workmanlike manner and to use suitable materials, &c.	.....	.....	.....	22	.....
258	To prohibit contraventions generally of the provisions of Chapter IX of Municipal Act.	6	3	5	4	9
358	To prohibit the use of any bad material, appliance or fitting by Licensed Plumbers.	.....	.....	.....	.....	32
375	Cleansing and lime-washing of any building.	.....	.....	.....	.....	38
381	To cleanse, fill, drain, &c., pools, ditches, ponds, wells, quarry holes, &c.	.....	.....	1	.....	.....
	Water Branch.					
278 (2)	To repair and stop leakage of water from taps, service pipes, &c.	3,712	4,862	6,595	8,657	9,193
.....	For transferring connections from one main to another.	17	8	19	31	25
279	To fix meters to service pipes ...	134	174	150	227	264
284, 285 & 471	To stop wastage of water from taps, &c.	43	11	17	5	265
	Total ...	9,099	10,551	12,318	15,429	16,208

LETTERS, &c., RECEIVED AND DESPATCHED.

426. Comparative statement of the numbers of letters, references to Inspectors, &c., received and despatched during the five years from 1892-93 to 1896-97.

Departments.		1892-93.	1893-94.	1894-95.	1895-96.	1896-97.
General Department...	Inward ...	8,135	44,195	37,257	50,817	43,136
Streets and Buildings Department ...	...Inward ...	36,426				
General Department	...Outward...	7,566	45,685	48,275	44,016	49,812
Streets and Buildings Department ...	...Outward...	33,893				
Drainage Works Dept.	Inward ...	28,647	26,139	27,691	30,855	34,624
	Outward...	25,572	24,971	28,318	25,810	31,946
Water Works Dept.	Inward ...	12,576	13,162	19,510	19,543	19,864
	Outward...	12,304	13,816	21,041	19,978	21,157
	Total ...	165,119	167,968	182,092	191,019	200,539

PLAGUE OPERATIONS.

427. I give below extracts from my report No. 6767, dated 19th August 1897, to the Municipal Commissioner, on the operations which my Department had to undertake in connection with the suppression of the bubonic plague.

428. The first indications of the plague were observed in or about the month of July 1896. Shortly afterwards, when its existence was undoubted and when it broke out with full force in the Mandvi District, municipal efforts were directed to check its progress in that District. These efforts were, as far as my department was concerned, at first almost entirely restricted to the Drainage Branch.

429. The work of cleaning certain sewers, drains, etc., as well as that of renewing and cleaning house drainage fittings in the Mandvi district and on the Elphinstone Estate was also taken in hand.

430. The next work undertaken by this department, was that of lime-washing the houses in certain parts of the city. The Drainage Branch of my department was at first called upon to carry out this work, but as the plague assumed larger proportions and the necessity of extending these operations became imperative, some of that work was entrusted to the Streets and Building Branches of my Department also.

431. The most important localities embraced by these operations were as under :—

Block No.	Ward.	Locality.
1	B & C	Goghari Mohalla, Bhendi Bazar, Nizam Street, Yakub Street, Kolsa Mohalla, Bori Street, 2nd Cooper Street, Pydhoni, New Nagpada, &c.
2	A	Maruti Street, Bomanji Lane, Raghunath Dadaji Street, Pitha Street, Goga Street, Kavasji Patel Street, Gunbow Street, Parsi Bazar Street, and the Bora Bazar Street.
3	A	Colaba.
4	D	Block between west of Gilder Street and the foot of Falkland Road overbridge, Tardeo, Falkland Road.
5	E	Old Nagpada, Bellasis Road, Temker Street.
6	A	Mody Bay.
7	C	Block between Erskine Road and Grant Road including Khoja Street and Chimna Butcher Street.

432. The accompanying statement marked B shows the details of the number and description of houses whitewashed, and the number of houses and sheds disinfected and their roofs opened for ventilation and light in each ward, and the staff employed for that purpose.

433. Some other works, such as the opening up of roofs of infected houses, disinfecting buildings and huts and the destruction of sheds were also started.

434. The Municipal Commissioner having directed the cutting-off of the water connections of houses in the Kamatipura district and certain other parts of the town, and the erection of water stand-pipes with pavements in suitable open spaces, the flushing of house gullies, the diversion of private water service pipes, the fixing of new metres, &c., the works were entrusted to the Water Works branch of my Department. The accompanying statement marked C. shows the work done by that Department in this direction.

435. It being considered by the Municipal Commissioner, under the advice of the Executive Health Officer, that, dampness was an incentive to plague, the watering of all the roads except the principal ones was ordered to be stopped. This stoppage was commenced on the 8th of January 1897, and was not resumed until about the beginning of May.

436. During the time the watering was so stopped, the roads suffered greatly, the binding materials having become loose and the surfaces deteriorated, complaints were received from the public of the unsatisfactory condition of the roads. As soon, therefore, as the plague subsided, the usual watering and general repairs of the roads were resumed.

437. At the instance of the Health Officer, the roads in the Kamatipura district where the plague raged high, were watered with a solution of phenyle for some days commencing from January 1897.

438. The accompanying statement marked D shows the number of buildings and sheds, &c. which were condemned, and either demolished or burnt down and the localities in which they were situated.

439. In addition to the structures so demolished, certain Government bungalows in the Marine Lines, occupied by Military Officers and certain other bungalows, also belonging to them and situated on the Hornby Road near the Crawford Markets, which were occupied by Non-commissioned and Warrant Officers and which were constructed of inflammable materials, were destroyed by Government at the instance of the Municipal Commissioner.

440. With a view to provide accommodation for those who may be turned out of buildings that may be closed or destroyed, segregation camps were established in different parts of the City as shown in the following statement:—

Locality.	No. of Sheds.	Purposes for which erected.
Charni Road	101	For segregating the healthy.
Chopati	50	Do. do.
Sankli Tank	57	Do. do.
Albion Place, Byculla	12	For segregating the servants of the European residents of the place.
Connaught Road...	33	For segregating the healthy.
Tank Bandar	58	Do. do.
Mahim Gardens	45	For housing the sweepers of the Health Department.
Government land near Mori Road.	30	For housing the healthy inhabitants of Mori Road.
Municipal land along Tulsi pipe line	18	Do. do.
Bandora Slaughter houses ...	20	For segregating the healthy people in the yard.
Between the Kamatipura milch cattle stables and the Mahomadan Burial Ground...	20	For segregating the healthy of the district.

441. The Plague Committee, soon after their appointment, applied for the loan of the services of Mr. Govindram Dulabhram, Architectural Surveyor, which were placed at their disposal on 8th March 1897. He was entrusted with the construction of three of the largest temporary hospitals, *viz.*: at Mahim, Sion and Worlee, but as he had no establishment or other means of carrying out these works, it was considered advisable that I should take over those works and complete them with

the least possible delay. Mr. Govindram's services were replaced at my disposal, and under his supervision these works were completed, with as great a rapidity as it was possible to achieve, in view of the scarcity of labour and the difficulty of obtaining the requisite materials and conveying them to the sites of the different outlying works.

442. In addition to the above, three other important temporary hospitals were constructed by this Department, *viz.*, one at Charni Road, another at Mody Bay, and the third at the Jamsetji Bandar.

443. At the request of the Committee, the construction of another temporary hospital was also undertaken at Forjett Road. When the work had advanced and an expenditure of about Rs. 2,000 incurred, it was ordered to be stopped on account of a complaint having been received from a neighbour, about the nuisance likely to be created by it.

444. The accompanying statement, marked E, shows the work executed by this Department, their dates of commencement and completion, their costs, &c.

445. A statement marked F, showing the works carried out in connection with the plague operations, in the Municipal Workshops under the supervision of the Assistant Executive Engineer, Mechanical Branch, is also hereto appended.

446. The Infectious Diseases Hospital at Arthur Road was during this time, considerably added to and altered and improved with a view to afford additional accommodation for the patients and to provide quarters for the nurses, hospital assistants, hospital servants, &c.

447. With a view to enable Professor Haffkine to carry out the preparation of his prophylactic serum, certain sheds were erected by the Municipality on a piece of Government ground at the Sewri Lazaretto.

448. Some of the insanitary sheds at the Victoria Bandar inhabited by the employés of the Colaba Land Company and others having been destroyed, temporary sheds have recently been erected at Municipal expense on the Company's ground for the accommodation of these employés. These rooms are let out at Re. 1 each.

449. The examination of houses in the different parts of the City has also been commenced.

450. The accompanying statement, marked G, shows the number of houses examined in different parts of the city, the number of rooms inspected, &c. up to the end of July 1897.

451. The accompanying statement, marked H, also shows the number of houses condemned, as unfit for human habitation, assessed by the Government Assessor *viz.*, the Collector of Bombay, and pulled down. The amount awarded by the Assessor, for each house is also shown in the statement.

STATEMENT B.

452. Statement showing the details of the number and description of houses white-washed and the number of houses and sheds disinfected and their roofs opened for ventilation and light, in each Ward and the Staff employed for that purpose.

Block No.	Ward.	Locality.	Staff employed.			Lime-washing Sheds.	Lime-washing Buildings.						Total Number of Buildings.	Number of Houses disinfected.	Number of Sheds disinfected.	Roofs of Houses opened.
			Inspectors.	Sub-Inspectors, Mucadams, &c.	Coolies.		One storied.	Two storied.	Three storied.	Four storied.	Five storied.	Six storied.				
1	B	Bhendy Bazar	32	346	7,438	...	7	38	62	58	40	...	205	39	...	...
1	B	New Nagpada	21	306	5,028	...	8	22	28	28	22	4	112	82	...	...
2	A	Fort	55	466	12,755	9	95	57	60	53	57	25	347	117	...	...
3	A	Colaba	31	251	6,068	9	63	58	40	27	...	...	188	92	9	64
4	D	Tardeo	51	442	7,125	...	181	78	17	5	...	...	281	117	18	...
5	E	Temker Street	1	9	226	...	1	4	3	1	...	...	9	...	...	...
5	E	Old Nagpada	30	304	6,837	...	24	62	74	35	10	...	205	456	13	39
6	A	Mody Bay	26	184	3,975	...	51	13	8	12	9	3	96	57	59	...
7	C	Block between Erskine and Grant Roads.	26	253	4,670	7	89	88	62	27	11	...	277	309	6	...
		Total ...	273	2,561	54,162	25	519	420	354	246	149	32	1,720	1,269	105	103

STATEMENT C.

453. Statement showing the number of private water connections cut off, new stand-pipes erected and meters fixed, &c., &c., by the Water Works Branch of this Department.

Month.	Details of operations.											Remarks.
	Number of stand-pipes erected.	Number of connections cut off.	Number of new sluices fixed.	Number of taps, &c., refixed.	Number of taps disconnected.	Number of connections shut off on stop for-rules.	Number of meters fixed.	Number of private service pipes diverted.	Number of service pipes of flushing tanks transferred.	Number of service pipes re-connected.	Number of stand-pipes repaired.	
October 1896	1	...	...	...	...	...	...	...	...	...	...	
December 1896... ...	17	60	...	...	...	...	...	...	...	...	...	
January 1897	142	971	21	5	124	69	11	2	17	...	...	
February 1897... ...	44	73	...	...	33	14	3	3	...	2	3	
1st March 1897 ...	...	...	...	...	...	...	...	...	...	...	...	
Total ...	204	1,104	21	5	157	83	14	5	17	2	3	

STATEMENT D.

454. Statement showing the number of buildings and sheds, &c., which were condemned and demolished and the localities in which they were situated.

Ward.	Locality.	Number of structures condemned.	Number of structures demolished.
A	Victoria Road	48	12
A	Colaba Road	4	0
A	Pilot Bandar	3	3
B	Old Bengalpura Street	1	1
B	Piru Lane	17	14
B	Tantanpura Street	1	0
B	Valpakhady Road	1	1
B	Bhushawal Street	6	6
B	Junction of Argyle Road and Bhusawal Street	1	0
C	Junction of Thakurdwar and Queen's Roads	1	1
C	Girgaum Road	3	2
C	Between 1st Dhobitalao Lane and Hamal Lane	2	2
C	Trinity Street	1	1
C	Kumbharwada	1	1
D	Grant Road	2	2
D	Girgaum Road	1	1
D	Girgaum Back Road	2	0
D	Walkeshwar Road	7	7
D	Gowalia Tank Road	24	24
D	Ridge Road	1	1
D	Dungersi Road	1	1
E	Mount Road	7	7
E	Hospital Lane	23	23
E	Haines Road	39	39
E	Belvedere Hill Road	10	10
E	Kamatipura 3rd Street	2	2
E	Anjirwadi	88	88
E	Foras Road	61	61
E	Tank Street	3	3
F	Parel Chawl Road	9	0
F	Soparibag Road	11	0
F	Junction of Arthur Road and Parel Chawl Road... ...	1	0
F	Soparibag Road	1	0
F	Elphinstone Road	3	0
F	Bhoiwada Cross Road...	1	0
F	Junction of Bhoiwada Road and Bhoiwada Cross Road...	1	0
F	Bhoiwada Road	5	0
F	Naigam Road	3	3
F	Vadala Road	4	4
G	Mahim Fort	18	18
G	Worli Love Grove Pumping Station	8	8
	Total ...	426	346

STATEMENT E.

455. STATEMENT showing Temporary Sheds, Hospitals, &c., erected by this Department, with their Dates of Commencement and Completion and Cost, &c.

Serial No.	Locality.	Segregation Sheds.	Hospitals.	Date of Commencement.	Date of Completion.	Total Number of Rooms, &c.	Total Cost.	REMARKS.
							Rs. a. p.	
1	Narielwady, Mazagon	.....	2	28th Dec. 1896	January 1897	.....	304 7 7	
2	Connaught Road	15	...	28th do. January 1897	Do. 23rd Mar. 1897	39	3,302 7 5	
3	Government Lazaretto, Sewri ...	11	...	15th Jan. 1897	30th April 1897	.....	2,309 4 10	
4	Additions and alterations to the Arthur Road Hospital.	11	3	31st do.	13th do.	.....	7,306 14 3	Furniture for the use of Sisters was purchased at a cost of Rs. 722-4-0, besides Rs. 7,306-14-3.
5	Chopati	10	...	11th Feb. 1897	21st Mar. 1897	50	2,037 3 1	
6	Charni Road	174	...	15th do.	30th April 1897	286	11,058 1 0	
7	Tank Bandar	13	...	20th do.	14th Mar. 1897	58	2,304 5 9	
8	Sankli Tank	42	...	19th do.	13th do.	70	2,905 15 10	
9	Albion Place	1	...	24th do.	2nd do.	12	90 15 0	
10	Kamatipura Milch Cattle Stable	2	...	6th do.	13th Feb. 1897	.....	657 12 10	
11	Jamshedji Bandar, Colaba ...	12	2	16th Mar. 1897	17th Apl. 1897	30	3,591 4 6	
12	Charni Road Garden	12	2	15th do.	31st Mar. 1897	.....	3,691 3 9	
13	Modikhana	11	1	16th do.	29th do.	.....	3,954 13 7	
14	Esplanade Road, near the Queen's Statue.	One Office	...	18th do.	23rd do.	.....	231 11 2	
15	Dhobhitalao, near Framji Cowasji Institute.	Do.	...	18th do.	23rd do.	.....	220 0 11	
16	Forjett Road	Do.	...	24th do.	31st do.	.....	1,197 7 2	
17	Afghan Memorial Church, Colaba	Do.	...	19th do.	23rd do.	.....	119 2 7	
18	Thakurdwar, near Framji Cowasji Fire-temple.	Do.	...	27th do.	30th do.	.....	73 9 11	
19	Mombadevi	Do.	...	1st April 1897	8th April 1897	.....	153 4 9	
20	Carnac Bandar Road, near Shoe Bazar.	Do.	...	1st do	5th do.	.....	47 5 8	
21	Mahaluxmi	1	...	13th Mar. 1897	14th Mar. 1897	3	11 7 0	
22	Municipal Office Garden ...	1	...	26th do.	29th do.	.....	70 5 0	
23	Jail Road, south-west corner ...	One Office	...	29th do.	4th April 1897	.....	98 11 9	
24	Do. north-west do. ...	Do.	...	9th April 1897	15th do.	.....	91 2 0	

25	Chakla Street	Do.	...	26th Mar. 1897	1st do.	.....	78 15 0	
26	Mint Road...	Sheds.	...	May 1897	May 1897	.....	138 4 0	
27	Corner of Argyle and Masjid Bandar Roads.	One Office	...	26th Mar. 1897	2nd April 1897	.....	114 11 2	
28	Pilot Bandar, Colaba	2	...	18th Mar. 1897	20th Mar. 1897	.....	34 1 0	
29	Bori Bandar, Health Department Bigaris' Chawls.	1	...	5th April 1897	19th April 1897	3	35 9 6	
30	Construction of sink at the labratory at Grant Road Hospital.	.....	...	May 1897	May 1897	.....	60 2 0	
31	Victoria Bandar, Colaba... ...	10	...	Do.	Do.	50	812 1 11	The work is still in progress.
32	Mahim Hospital	11	3	10th Mar. 1897	31st Mar. 1897	.....	3,797 6 1	
33	Worli Hospital	15	2	10th do.	31st do.	.....	3,323 12 6	
34	Sion Hospital	16	3	10th do.	31st do.	.....	4,943 10 11	
35	Tank Bandar	1	...	13th do.	13th do.	1	14 14 0	
36	Health Department Chawls throughout the City.	.....	...	February 1897	February 1897	.....	703 8 0	
37	Government House, Parel ...	.....	...	5th Feb 1897	13th Feb. 1897	.....	234 9 8	White-washing and other repairs done.
38	Modikhana Hospital	.....	...	7th April 1897	30th April 1897	.....	708 2 0	A ward constructed for Lohanas.
39	Charni Road Garden Hospital...	.....	...	2nd do.	6th do.	.....	461 3 11	Do. do. Khatri Hindus
40	9th and 10th Kamatipura Streets	.....	...	May 1897	May 1897	.....	194 0 8	Replacing and turning tiles on roofs of houses and chawls.
41	Painting and varnishing doors, &c., of the Albert Museum	.....	...	Do.	Do.	.....	208 4 10	
42	Segregation Shed at Parel ...	.....	...	5th Feb. 1897	13th Feb. 1897	.....	150 4 0	
43	Do. at Bandora Slaughter Houses.	78	2	7th Mar. 1897	29th Mar. 1897	.....	5,044 7 5	
44	Khar Hospital, Bandora... ...	.....	...	March 1897	March 1897	.....	45 11 0	
45	Segregation Sheds, Mahim ...	93	...	25th Feb. 1897	16th Mar. 1897	.....	2,599 9 0	
46	Sub-divisional Office at the junction of Warden and Peddar Roads	One Office.	...	21st Mar. 1897	11th April 1897	.....	293 3 10	These works were carried out under the supervision of Divisional Superintendent Mr. Maneklal Narbheram.
47	Office at Ridge Road	Do.	...	22nd do.	7th do.	.....	439 3 7	
48	Bath-room at Bandora Slaughter Houses.	.....	...	March 1897	March 1897	.....	18 5 0	
49	Constructing footpath from Bandora to Plague Hospital.	.....	...	Do.	Do.	.....	106 10 0	
50	Office at Moreland Road... ...	One Office	...	21st Mar. 1897	30th Mar. 1897	.....	238 12 0	
51	Do. at Gilder Street	Do.	...	21st Do.	30th do.	.....	355 6 5	Do. do. under Mr. J. D Nadersha.
52	Cochin Street	2	...	March 1897	March 1897	.....	28 7 0	Do. do. under Inspector Mr. E. Salmon.

STATEMENT F.

456. STATEMENT showing the Works carried out, in connection with the Plague, in the Municipal Workshops, with their cost, &c.

Serial No.	Description of Work.	Date of Order.	Dates of Completion of the Work.	Actual Cost of the Work.
				Rs. a. p.
	For Plague Committee Office.			
1	Making 2 notice-boards (with the words "Plague Committee Office").	7th Mar. 1897...	11th March 1897	28 12 0
2	Do. 5 letter file racks...	6th do. ...	3 on 11-3-97 and 2 on 15-3-97	76 14 6
3	Do. 13 hand ambulance carriages	7th do. ...	1 on 31-3-97, 1 on 6-4-97, 1 on 7-4-97, 1 on 9-4-97, 1 on 13-4-97, 1 on 14-4-97, 2 on 23-3-97, 1 on 24-3-97, 2 on 25-3-97, 1 on 27-3-97 and 1 on 17-4-97.	3,043 1 2
4	Do. and lettering 10 sign-boards for Central Offices.	9th do. ...	15th March 1897	42 7 0
5	Do. 15 incinerators	10th do. ...	1 on 12-3-97, 2 on 22-3-97, 2 on 24-3-97, 6 on 27-3-97 and 4 on 31-3-97.	270 5 1
6	Do. 4 small racks to place on writing tables ...	12th do. ...	18th March 1897	5 3 9
7	Do. and lettering 6 notice boards (for District Sub-Divisional Offices).	16th do. ...	24th do.	37 10 8
8	Preparing Infectious Disease Hospital in A Ward stable.	17th do. ...	20th do.	35 6 6
9	Making 1 file-rack with 2 shelves	18th do. ...	24th do.	23 2 11
10	Do. 1 table with 2 drawers and 3 stools	23rd do. ...	30th do.	40 2 8
11	Do. 1 ferrotype printing frame	17th do. ...	23rd April 1897	20 3 11
12	Do. and lettering 13 notice-boards for Plague Hospitals.	29th do. ...	1 on 8-4-97, 9 on 6-4-97, 2 on 10-4-97 and 1 on 12-4-97...	190 2 5
13	Do. 11 meatsafes	29th do. ...	1 on 5-4-97, 7 on 17-4-97 and 3 on 23-4-97	81 1 2
14	Do. 4 brass badges with leather belts (Special Plague Officers).	25th do. ...	17th April 1897	22 13 5
15	Do. 6 wooden hand-carts	8th Apl. 1897...	3 on 24-4-97, 1 on 26-4-97 and 2 on 30-4-97	575 2 10
16	Supplying working tools to a fitter sent to Bulsar ...	9th do. ...	17th April 1897	46 13 6
17	Sending a carpenter to work at No. 3 Plague Hospital.	6th do. ...	8th do.	61 2 0
18	Making 4 dealwood boxes for Grant Road Plague Hospital.	6th do. ...	12th do.	49 8 1
19	Do. 3 tables for Grant Road Laboratory	7th do. ...	15th do.	50 0 0

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STATEMENT F—*continued.*

Serial No.	Description of Work.	Date of Order.	Dates of Completion of the Work.	Actual Cost of the Work.
				Rs. a. p.
41	Making 3 bullock carts for removal of dead bodies ...	2nd Feb. 1897 ...	1 on 6-3-97 and 2 on 31-3-97	776 4 11
42	Do. 12 iron stands and 12 iron rests for Mahim Burning Ground.	4th do. ...	18th February 1897	172 15 2
43	Converting 6 shigrams into ambulance vans and providing stretchers therein for infected persons.	19th do. ...	6th March 1897	957 9 6
44	Making ice-box and 2 stools for Dr. Bittar's Laboratory.	11th Mar. 1897...	17th do.	45 7 3
45	Do. a table with zinc top	12th do ...	15th do.	29 13 3
45A	Do. 4 hydrant keys, 4 tool boxes with tools, and preparing gully-flushing engines Nos. 4, 5, 6, and 7 for work.	20th Mar. 1897...	30th March 1897	161 1 4
46	Do. 12 C. I. rests and 12 iron bars for No. 45 Cemetery, Mahim Foreshore.	30th do. ...	22nd April 1897	147 12 6
47	Do. 1 Notice-board (H. H. Aga Khan's bungalow for inoculation of Dr. Haffkine's Plague Prophylactic).	13th Apl. 1897 ...	30th do.	11 2 2
48	Supplying 4 canvas hoses for gully-flushing engine No. 3.	20th do. ...	21st do.	67 7 4
49	Do. 7 do. do. No. 2.	22nd do. ...	23rd and 26th April and 7th May 1897	112 5 9
50	Do. 5 do. do. No. 1.	28th do. ...	6th May 1897	78 15 8
51	Do. 4 do. do. No. 6.	30th do. ...	2nd June 1897	59 15 10
52	Repairing flushing engines, reels, hand-pumps and shigram ambulances.	1st Oct. 1896 ...	31st May 1897	1,514 8 9
	For Executive Engineer's Department.			
53	Making 3 stand-pipes with keys for lime-washing work in Fort.	15th Feb. 1897...	10th March 1897	40 11 5
54	Do. 3 iron stencil plates U. H. H.	25th do. ...	26th February 1897	6 14 8
55	Do. 9 do. do.	15th Mar. 1897...	4 on 17-3-97 and 5 on 22-3-97	44 0 8

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Extra Labour engaged at the Workshops.

Months.	Carpenters.	Smiths.	Hammer-men.	Fitters.	Bigarics.
October 1896	...	1	1	...	12
November „	...	...	...	...	6
December „	...	...	...	...	6
January 1897	...	...	...	...	6
February „	4	...	...	...	6
March „	5	...	...	1	6
April „	4	...	...	1	6
May „	2	...	...	...	6

STATEMENT G.

457. Statement showing houses inspected, &c., up to the end of July 1897 by the Engineering Department.

Locality.	Number of blocks inspected.	Number of flats inspected.	Number of rooms inspected.	Number of blocks requiring no improvement.	Number of blocks requiring improvement.	Number of blocks to be demolished.	Remarks.
Mazagon District ...	36	52	269	1	24	11	
Kamatipura District ..	871	2,088	9,184	11	787	73	
Dhobhitalao District...	229	799	2,951	...	202	27	
Total...	1,136	2,939	12,404	12	1,013	111	

STATEMENT H.

458. Statement of buildings and sheds condemned in the different wards with their amount of compensation awarded by the Government Assessor.

Serial No.	House No.	Locality.	Name of owner.	Amount awarded by the Government Assessor. Rs.	a.
		A Ward.			
1	41 A	Victoria Bandar ...	Ardeshir Jamsetji Madan ...	15	0
2	41 A P	Do. ...	Dhanji Parpia	18	0
3	23	Do. ...	Chantuman Jetha Multani ...	138	0
4	22	Do. ...	Do. do. ...	138	0
5	16	Do. ...	Mulchand Ratanchand ...	49	0
6	34 A	Do. ...	Merwanji Dadabhai Daruwala..	115	0
7	31	Do. ...	Kastur Uma Marwadi... ...	177	0
8	21 A	Do. ...	Sarbai,widowof Ganu Laxuman	39	0
9	26	Do. ...	Sayaji Babiruji	55	0
10	29	Do. ...	Shek Adam Shek Abdulla ...	20	0
11	No number.	Do. ...	Badloo Gopal	2	0
12	,,	Do. ...	Laxman Balu Kumbhai ...	11	0
13	,,	Do. ...	Bapuji Mahadu Havildar ...	6	0
14	,,	Do. ...	Luxman Balu Kadam ...	2	0
15	,,	Do. ...	Pandu Anaji Mhar	8	0
16	,,	Do. ...	Ganu Papu Mhar	6	0
17	,,	Do. ...	Soma Rama Mochi	14	0
18	,,	Do. ...	Satwa Janu Mhar	7	0
19	,,	Do. ...	Narayan Bhagu Mhar	6	0
20	,,	Do. ...	Guma Mhar	3	0
21	,,	Do. ...	Hari Sambhu Gaoli	7	0
22	,,	Do. ...	Pillaji Sugnaji Gaoli	3	0
23	,,	Do. ...	Bijpal Binda Pardeshi... ...	11	0
24	,,	Do. ...	Balu Aba	14	0
25	,,	Do. ...	Jijoba Akka	4	8
26	,,	Do. ...	Rakhma Sanop...	9	0
27	,,	Do. ...	Jijoba Amruta Kala	9	0
28	,,	Do. ...	Chillo Rama	5	0
29	,,	Do. ...	Juma Ismail	4	0
30	,,	Do. ...	Dadumia Nanumia	7	0
31	,,	Do. ...	Krisha Yessu Awak	5	0
32	2 A	Upper Colaba ...	Bai Mariambai Shaik Alli ...	45	0
33	2	Do. ...	The Manager, Mahomedan Suni Jamat.	2	0
34	4 A	Do. ...	Shaik Ibu Shaik Mahomed ...	31	0
35	4	Do. ...	Do. do. ...	86	0
		B Ward.			
36	27-33	Piru Lane	Hakim Taykhan bin Talekhan.	2,011	0
37	47-53	Do.	Sayed Imamudin bin Sayed Sahebjan Rajab.	2,250	0
38	9-11	Do.	Bai Zorabibi, widow of Nawab Ahmed Allikhan.	2,756	0

Serial No.	House No.	Locality.	Name of owner.	Amount awarded by the Government Assessor.	
		B WARD—*contd.*		Rs.	a.
39	26-28	Piru Lane	Bai Amanbai, widow of Gulamhusen Shiraji.	1,562	0
40	22-24	Do.	Mahamad Set Surgari	1,987	0
41	21-25	Do.	Messrs. Mazkhan Mirzakhan and others.	1,408	0
42	17-19	Do.	Bai Pachubai, widow of Shaik Kadar Hakim.	1,411	0
43	117-123 & 135-141	Do.	Saffu Kamrudin, Trustee of the property of Haji Bushire.	1,156	0
44	105-115	Do.	Saffu Kamrudin	42	0
45	85-103	Do.	Saffu Kamrudin, Trustee of the property of Haji Bushire.	3,652	0
46	43-45	Do.	Sulleman Latif	1,050	0
47	46-52	Do.	Meman Abdul Sutar Haji Jacob and Bai Aminabai.	1,831	0
48	71-83	Do.	Mawji Bhai Gheewala	1,155	0
49	59-69	Do.	Nurmahamad Sajanbhai Nalband.	775	0
50	2-4	Old Bengalpura Street	Balu Miya Jitekar	38	0
		C Ward.			
51	48-50	Girgaum Road ...	Bombay Land Improvement and Trading Co., Limited.	408	0
52	3	Do. between 3rd Dhobi Talao and Hamal Lane.	Do. do. ...	39	0
53	1	Do. ...	Do. do. ...	49	0
54	81-83	Trinity Street ...	Do. do. ...	478	0
55	248-250	Kumbharwada ...	Enkaya Apaya	283	0
		D Ward.			
56	3339	Narayan Dabholkar Street.	Piru Mahomed	410	0
57	3337	Do. ...	Do.		
58	2480	Walkeshwar Road ...	Jetha Tricum	142	0
59	2481	Do. ...	Do.	340	0
		E Ward.			
		Nil.	*Nil.*		
		F Ward.			
		Nil.	*Nil.*		
		G Ward.			
		Nil.	*Nil.*		
			Total Rs....	26,304	8

459. The following statement shows the works executed by the Drainage Branch of this Department, with their approximate cost, in connection with the plague :—

Serial No.	Name of Work.	Place.	Total No. of Premises dealt with.	Approximate Expenditure.	Remarks.
	Works completed.			Rs. a. p.	
1	Removing, cleaning, disinfecting, dipping in Dr. Angus Smith's solution, renewing where damaged, and re-fixing sanitary fittings of plague-affected houses.	Mandvi	102	31,000 0 0	All bills have not yet been received.
2	Do. do. do. ...	Various parts of the City ...	301	23,539 7 9	
3	Constructing catchpits	Mandvi	60	8,000 0 0	
4	Cleaning sewers	Argyle Road	...	6,030 6 4	
	Total length of sewer cleaned ... 28,870 R. ft.				
	Total weight of silt removed ... 5,623 Tons.				
5	Cleaning sewers and branch drains in Frere Road, North.	Frere Road, North	...	1,100 0 0	
	Total length of sewer cleaned ... 3,150 R. ft.				
	Total weight of silt removed ... 940 Tons.				
6	Making 362 openings and constructing manholes in the Port Trust Estate.	Argyle Road	...	22,789 4 11	
7	Cleaning sewers, branch drains and constructing 35 entrances in Frere Road, South (from Fort Street to Ballard Pier).	Frere Road, South	...	3,991 0 0	
	Total length of sewer cleaned ... 1,400 R. ft.				
	Total weight of silt removed ... 712 Tons.				
8	Re-modelling the sanitary arrangements of premises.	Lalwadi	8	13,655 8 11	
9	Cleaning and lime-washing the affected houses in different parts of the City.	Different parts of the City ...	12,350	99,128 0 0	

Statement of Works executed by the Drainage Branch of this Department—(*continued*).

Serial No.	Name of Work.	Place.	Total No. of Premises dealt with.	Approximate Expenditure.	Remarks.
				Rs. a. p.	
10	Re-modelling the sanitary arrangements	Segregation Hospital at Kolsa Street.	...	1,050 0 0	All bills have not yet been received.
11	Do. do.	Mahomedan Hospital at Coppersmith Street.	...	3,395 0 0	
12	Do. do.	Kachi Osval Bania Hospital at Clive Road.	...	500 0 0	
13	Do. do.	Kachi Meman Hospital at Jakeria Musjid Street.	...	1,450 0 0	
14	Do. do.	Jain Community Hospital at Parel Road.	...	20 0 0	
15	Do. do.	Bania Hospital	...	971 0 0	
16	Do. do.	Municipal Hospital at Northbrook Garden.	...	100 0 0	
17	Do. do.	Police Hospital at Foras Road.	...	300 0 0	
18	Do. do.	Municipal Hospital at Charni Road.	...	100 0 0	
19	Constructing a 12-chamber latrine	Northbrook Garden	...	151 4 5	
20	Do. do. ...	Sussex Road	...	152 11 11	
21	Do. a 16-chamber latrine	Chinchpokli	...	206 11 5	
22	Do. two latrines of two chambers each ...	Narelwadi	...	58 7 8	
23	Do. do. of three chambers each ...	Sussex Road for Hindu Hospital.	...	92 4 7	
24	Do. do. of four chambers each ...	Foras Road	...	183 11 2	
25	Paving around the stand-pipe	Kamatipura Bazar Road ...	...	106 6 10	
26	Channelling with 6" half-round pipes	Narelwadi	...	572 2 6	
27	Do. and connecting stand-pipe	Ghorapdeo Road	...	451 0 3	
28	Ovoiding and repairing drains	Ghorapdeo Road and DeLima Street.	...	3,701 6 2	
29	Ovoiding drain	Nepean Sea Road	...	148 9 8	
30	Drainage connection of a stand-pipe	Arthur Road Hospital... ...	...	124 1 2	
31	Disinfecting the plague-affected houses with phenyle solution, &c.	Various parts of the City ...	...	10,354 2 0	

32	Drainage connection of a stand-pipe	Foras Road Hospital		147 6 0	
33	Do. do. ...	Umar Jamal Hospital at Ripon Road. ...		21 8 3	
34	Do. do. ...	Kamatipura 13th Street		82 15 11	
35	Laying 6" pipe drain for a stand-pipe	Grant Road Hospital		103 10 3	
36	Constructing privy and connecting stand-pipe ...	Wari Bandar Plague Hospital.. ...		405 2 2	
37	Drainage connection of a latrine	Police Plague Hospital at Foras Road. ...		410 5 5	
38	Laying 4" half-round pipe	Wadala Village		129 1 7	
39	Drainage connection of a stand-pipe	Haines Road		54 7 4	
40	Draining stagnant water from a stand-pipe	Police Plague Hospital at Foras Road. ...		347 13 10	
41	Channelling for the stand-pipe	Reay Road Hospital No. 10		291 7 11	
42	Do. do. ...	Narelwadi Hospital No. 8		222 10 0	
43	Drainage connection of two stand-pipes	Sussex and Connaught Roads. ...		87 13 1	
44	Cleaning a drain	Plague Hospital, Parel Road		8 15 10	
45	Drainage connection of a stand-pipe	Dadar, Kumbharwada Lane		265 8 5	
46	Re-modelling the sanitary arrangements	Coppersmith Street	2	.....	Rates for the materials supplied by the contractors to be settled.
47	Do. do.	Naran Dhuru Street	3	.....	
48	Do. do.	Banian Street	1	.....	
49	Do. do.	2nd Bhoiwada	1	.....	
50	Do. do.	Bhoiwada, Bhuleshwar ...	1	.....	
51	Do. do.	Maruti Lane	1	.....	
52	Do. do.	Bhandari Street	1	.....	
53	Do. do.	Northbrook Street	1	.....	
54	Do. do.	Pathan Street	1	.....	
	Works in Progress.				Bills have not yet been received from the contractors.
55	Re-modelling the sanitary arrangements	Bhuleshwar Street	7	.....	
56	Do. do.	Soparibag Road	2	.....	
57	Do. do.	Bhandari Street	6	.....	
58	Do. do.	Arthur Road	4	.....	
59	Do. do.	Banian Street	2	.....	
60	Putting the kacha drain in proper slope	Tansa Road		.....	
61	House drainage connection of the premises with the Municipal sewer.	Kalachauki Road		3,991 0 0	
62	Cleaning, flushing and disinfecting drain in A to G Wards.	A to G Wards		25,418 12 2	
63	Draining the waste water from stand-pipe	Dharavi		530 2 9	

LIST OF MUNICIPAL PROPERTIES.

460. In accordance with the wishes of the Corporation, expressed in their Resolution No. 4030 of 18th July 1895, I have given in the Administration Report of this Department for the year 1895-96 a list of properties belonging to the Municipality. This list was incomplete in several particulars, as it had to be hurriedly prepared and the lack of the necessary information on the records of this office. I have now endeavoured to make it as complete as practicable from the imperfect materials available on the records both of this office and those of other departments.

LIST OF PROPERTIES BELONGING

461. The following statement gives the Particulars of Municipal Ward

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
1	28 A	18A	9699	215	Colaba Road between Magdala and Nepean Streets.	Dipping well built by Sir Jamsetji Jejeebhoy in 1832.	Water ..
2	215	100	9675	212	Upper Colaba ..	Police-chowkey	Police ..
3	674 and 675	59 and 61	9569	206	Gun Carriage Lane..	Dipping well and cattle-trough.	Water ..
4	225 (2)	12A	9662	206	Wodehouse Road ..	Land (metal depôt) ..	Road ..
5	269 and 270	365A & 365B	9663	206	Colaba Road (adjoining Gun Carriage Factory).	Dipping well No. 35 ..	Water ..
6	454	190A	9566	206	Colaba Road (in front part of Jute Mill).	Land and well	Road ..
7	825 (1), 826, 827 (1), (2), (3).	2, 4, 6, 10, 12, 14, 14A, & 14B	9662	205	Colaba ..	Biggaries' chawls, Sub-Inspector's quarters, latrines, &c.	Health ..
8	874 (2)	30 A	9560	205	Do. ..	Latrines	Do. .. ..
9	531	6	9561	205	Colaba Causeway ..	Well No. 11 and cattle-trough	Water .. ..
10	886 (2)	16A	9561	202	Esplanade Road ..	Wellington fountain ..	Do. .. ..
11	1058 (2) 1058 (1)	49A	9313	190	Custom House Road	Cattle drinking trough and stand-pipe	Do. .. ..
12	1058 (2A)	49B	„	190	Do. ..	Seven-seated urinals ..	Health .. ..
13	1196 (2)	6A	„	195	Forbes' Street and Rutherfield Street.	Well No. 32	Water .. ..
14	1356 (1)	25-26	9322	190	Elphinstone Circle..	Elphinstone Circle Gardens, a large ornamental fountain	Garden and water
15	1356 (2)	26B	„	190	Do. ..	Bai Mankuverbai stand-pipe and cattle-trough.	Do. ..
16	1445 (2)	33	9344	190	Kavasji Patel Street	Dipping well No. 30 ..	Do. ..
17	1573 (2)	13	9326	190	Homji Street.. ..	Urinals	Health .. ..
18	1808 & 1811 (3)	81, 10, 83, & 12	8908, 8909, 8910&8911	181	Hornby Road and Gunbow Street.	Fire Station, quarters for Foreman, Engineer and Lascars.	Fire Brigade ..
19	1817	24	8901	181	Gunbow Street ..	Drinking fountain	Water .. ..
20	1845	92	9109	190	Gunbow Street, near Borah Bazar Street.	Cattle-trough (Gunbow) and drinking fountain.	Do. .. ..
21	1855	126	9243	190	Gunbow and Bazar Gate Street.	Wadia fountain	Do. .. ..
22	1860 (1)	42, 6, 11	9308	191	Mint Road and Fort Street.	Fort Market..	Market .. ..
23	1943 (2, 2A & 3)	22A	8480	180	Mint Road	Land and Ward Offices ..	Road .. ..
24	1943 (3)	....	9500	180	Do.	Well No. 21	Water .. ..
25	1965	86	8542	180	Do.	Well (square 7½′ × 6½′) ..	Do. .. ..
26	2000	45	9298	180	Modi Street at the junction of Agiari Lane.	Well at the junction of Agiary Lane (8½′ × 8½′).	Do. .. ..
27	2007	223	8521	180	Modi Street at the junction of Manordas Street.	Well (square 9½′ × 8½′=8·97 sq. yards).	Do. .. ..

TO THE MUNICIPALITY.

Properties, their locality, description, estimated value, &c.:—

A.

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs. 50	Rs. 914	Sq. yds. 82·87	1854	Public use..	Used for the same purpose.	Rs. Nil.	Dipping well closed and fountain erected.
1,000	6,058	488·88	G.R. 3661 / 20-7-78	Police ..	Do.	Rs. 8 per month.	
..	2,000	95·00	1854	Public use..	Do.	Nil.	Dipping well not now supplied with water.
..	6,110	1,222·00	G.R. 6062 / 26-11-78	Do. ..	Do.	Nil.	A yearly rental of Re. 1 to be paid to Government subject to resumption without compensation on three months' notice.
50	1,152	100·00	1854	Do. ..	Do.	Nil.	Dipping well closed and stand-pipe erected.
500	4,580	438·05	Not known	Do. ..	Now added to the Road.	Nil.	The well closed and the ground transferred to Road Branch.
9,230	25,060	1,846·00	1846	Health Dept.	Used for the same purpose.	Nil.	Government Resolution No. $\frac{18004}{2331}$ C. W. of 1866.
..	2,224	172·44	1846	Public use..	Do.	Nil.	
..	720	42·00	Not known.	Do.	Do.	Nil.	
5,000	8,000	291·34	1867	Do.	Do.	Nil.	
100	500	9·00	1883	Do.	Do.	Nil.	
850	850	17·70	1894	Do.	Do.	Nil.	
100	1,840	24·00	1894	Do.	Do.	Nil.	Well closed and stand-pipe erected.
..	2,50,000	12,337·00	27-12-62	Do.	Do.	Nil.	
..	1,000	16·00	1880	Do.	Do.	Nil.	
50	6,383	94·00	1854	Do.	Do.	Nil.	This was made over (Government proclamation of 11-4-54 and Sec. VI of Act XIV of 1842).
868	868	7·00	1895	Do.	Do.	Nil.	
....	15,378	291·00	4-7-85, 2-2-87	Fire Brigade	Do.	Nil.	
..	100	21·77	Not known.	Public use..	Do.	Nil.	Near Fire Brigade.
100	500	2·15	Do.	Do. ..	Do.	Nil.	
..	19,451	164·00	1884	Do. ..	Do.	Nil.	
1,14,520	20,066	2,114·00	1868	Do. ..	Do.	9,131-12-0	
47,600	67,180	1,167·00	Not known	Municipal Chaukey, &c.	Do	Nil.	
50	5,983	65·00	Do.	Public use..	Do.	Nil.	
..	339	4·64	Do.	Do. ..	Do.	Nil.	
..	440	8·02	Do.	Do. ..	Do.	Nil.	
..	480	8·00	4-9-72	Do. ..	Do.	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
28	2060	138	8574	180	Modi Street (180 feet north of Agiari Street).	Well (circular dia. 8½') ..	Water .. ..
29	2163 (1)	853	8484	181	Fort Street	Bazar Gate Police Station .	Police .. ..
30	2377 (1)	175	8471	181	Hornby Road ..	Bazar Gate Garden ..	Garden .. ..
31	2400	75	9131	181	Bamanji Lane ..	Well	Water .. ..
32	2631	63	8490-91	180	Fort Street, junction of Mint Road.	Do.	Do. .. ..
33	2664, 2665, 2668 (1 & 8)	4 to 44, 46, 48, 50 to 90	9310	180	Cochin Street ..	Chawls, milch-cattle stables and latrines.	Health .. ..
34	3219 (2)	183 A	8478	159	Hornby Road, junction of Paltan Road.	Drinking fountain ..	Water ..
35	3226 (1-1 A) & 3226 (10), 3422, 3423, 3227, 3229. (1), & 3719 (1), (2)	11, 197, 1, 2, 3, 4, 28, 29, 56, 199, 4, 6, 49	8474, and 8473	150, 159	Hornby Road, Carnac Road and Paltan Road.	(a) A.C. Markets, Supdt.'s Quarters and other Buildings, etc. (b) Two large ornamental fountains.	Market and Water.
36	3293, 3300, 3430 (1) (2), 3431 & 3434	110 to 120, 3 to 9.	$\frac{5}{8473}$	175	Hornby Road and Cruickshank Road.	Municipal Offices ..	Executive Engineer's
37	3333 (1), 3333 (2), 3334 (1-2) 3335 (1-2), 3336 (1-2-3), 3337, 3339 (1-2), 3340, 3341, 3344, 3333 (3), 3333 (2)	7, 7A, 9, 11, 1, 1A, 2, 2B, 3, 4, 5, 6, 10, 11, 12, 7B 1-A4.	8476 and 8475	159	Paltan Road ..	Municipal Workshops and Bungalow, Beehive Refuse Destructor, &c. (including Store Yard).	Workshops ..
38	3343, 3344, 3345 3346, 3347, 3348, 3349, 3350 (1-2), 3351, 3352 (1-2).	12, 13A, 15, 17, 17A, 19 21, 23, 25, 25A, 1, 1A, 2, 27, 27A.	8475 and 8476	159	Do. ..	Health Department Ward offices, chawls, stables, latrines, &c.	Health ..
39	3453 (2)	1	8475	161	Carnac Road, junction of Cruickshank Road.	Cawasji Jehangir drinking fountain.	Water ..
40	3488	75	Nil.	189	Esplanade Road ..	(a) Frere fountain and (b) with surrounding garden	Water and Road
41	3499	40, 29	8451	189	Esplanade and Mayo Roads.	(a) Queen's statue and (b) with surrounding grass.	Road ..
42	1162 (2)	8A	8436	195	Esplanade Road ..	(a) Prince of Wales' statue and (b) with surrounding grass.	Do. ..
43	3505	10	8452	188	Mayo Road ..	Police chowkey	Police ..

Ward A—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs. a. p.	
....	489	6·30	....	....	....	Nil.	This well is closed on 26th Feb. 1896 as per Municipal Secretary No. 13427 of 13th February 1896
16,000	19,903	152·00	....	....	....	Rs. 90 per month.	
....	1,83,614	3,672·28	....	Public use.	Used for the same purpose.	Nil.	
....	822	24·90	....	Do. ..	Do. ..	Nil.	
100	6,139	114·20	....	Do. ..	Do. ..	Nil.	
85,000	37,392	218·33	1874	Do. ..	Do. ..	Nil.	1,286 square yards taken over from Port Trustees in exchange for 989 square yards site of old market on 11th Dec. 1873 : 585 square yards leased from the Port Trustees for 99 years from 1st Jan. 1874 at yearly rent of Re. 1 per square yard. Leased on 11th Dec. 1873 438+2,600 square yards purchased at Rs. 10 per square yard on 24th Sept. 1874 and 30th Sept. 1885 respectively. Government Resolution No. $\frac{227}{1037}$ C. W. of 28th May 1879, Public Works Department.
..	400	6·50	....	Do. ..	Do. ...	Nil.	
11,18,452	23,49,409	29,936·00	1865	Market ..	Do. ..	89,518 14 8	
11,19,969	12,90,000	6,000·00	1888	Municipal Office.	Do. ..	Nil.	Government Resolution No. $\frac{691 \text{ C.W.}}{1605}$ of 18th Oct. 1883
1,40,379	4,68,441	15,183·02	1867	Municipal Building.	Do. ..	Nil.	
72,326	3,30,307	12,607·71	1867	Do. ..	Do. ..	Nil.	Govt. Resolution No. $\frac{1521 \text{ C. W.}}{2506}$ of 9th December 1885, making over land for stabling ; ple per yard.
..	400	7·10	....	Public use.	Do. ..	Nil.	
..	11,763	890·20	1867	Do. ..	Do. ..	Nil.	
..	1,80,000	1,074·00	G. R. 3287 29-8-85	Do. ..	Do. ..	Nil.	
..	1,35,300	100·00	1882	Do. ..	Do. ..	Nil.	
1,000	7,171	119·42	G. R. 27 113 C.W. of 14-3-78.	Police ..	Do. ..	Rs. 8 per month.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in charge of the Property.
44	3707 (1) 3707 (3)	7 76	8473	161	Carnac Road .. Do. ..	Nakoda tank with land .. Land ..	Water .. ..
45	3721 (1). (2) 3722 (1) & 3724	53, 1, 2, 57	8475 &8480	151	Do. ..	(A) Night-soil, pumping station engine house and (b) other buildings.	Health & Drainage.
46	596 (1 & 2)	38, 40	9571	205	Thomas Street ..	Lands (200' × 75') for markets.	Executive Engineer
47	3489 (2)	77 A	8463	189	Esplanade and Hornby Roads ..	Fountain	Do.
48	1807 A	8	Nil.	180	Barrack Street ..	Urinals	Health ..
49	2531 (2)	49	8798	181	Bora Musjid Street..	Do.	Do. ..
50	2377 (1)	6	8471	181	Fort Street	Do.	Do. ..
51	3705 (A)	111A	8452	161	Marine 1st Street ..	Do.	Do. ..
52	1058 (3)	49 C	9313	190	Custom House Road.	3 seated latrines	Do. ..
53	3421 (2)	2A	8475	159	Paltan Road.. ..	Latrines (south of A. C. Markets).	Do. .. ..
54	23A	8A	9699	215	Breach Road, Colaba	Well	Water ..
55	1892 (1A)	2AA	8480	180	Frere Road and Mint Road	Rutansi Mulji fountain and cattle trough.	Do. ..
56	286 (2)	11A	9361	203	Apollo Bandar ..	Drinking fountain	Do. ..
57	2163 (2)	353A	8484	181	Bazar Gate Street near the Police Station.	Do. ..	Do. ..
58	2163 (2)	....	8484	181	Bazar Gate and Fort Streets.	Land	Do. ..
59	2377 (1)	175	8471	175	Bazar Gate Garden..	Ornamental fountain ..	Do. ..
60	454	190B	9566	206	Colaba Road near Jute Mill.	Land..	Do. ..
61	1058 (1)	49	9313	194	Custom House Road.	Drinking fountain.. ..	Do. ..
62	3121 (3)	2B	8475	150	Paltan Road.. ..	Urinal	Health ..
63	2377 (1A)	4	8471	175	Fort Street	Do.	Do. ..
64	3719 (3)	49B	8474	151	Junction of Carnac and Paltan Roads..	Do.	Do. ..
65	1932 (2)	1A	8480	180	Karwar Street ..	Do.	Do. ..
66	1860 (2)	6A	9308	180	Mint Road	Do.	Do. ..
67	4 (2)	4A	9639	215	Beach Road	Vacant land..	Do. ..
68	225 (8)	12E	9669	206	Wodehouse Road ..	Wooden chowkey	Road ..
69	821	27	9662	....	2nd Coli Lane ..	Land	....
70	825 (2)	10A	....	....	Do. ..	Do.	....
71	827 (4)	14C	....	....	Do. ..	Do.	....
72	420	59	9571	205	Colaba Road in the compound of the Colaba Land and Mill Company.	New Market..	Superintendent of Markets.
73	596 (1)	38, 40	9571	205	Thomas Street ..	Fire Brigade Station ..	Fire Brigade ..
74	657	3, 5	9570	205	Edulji Street ..	Land forming part of road	Road ..
75	1057 (2)	47A	9313	190	Custom House Road.	Chowki	Do. ..
76	1504	78, 80, 13	9006	190	Kavasji Patel Street, Barber Lane.	Ruinous House	Do. ..
77	1595 (A)	1A, 2A	9309	190	Bazar Gate Street Mint Road.	Chowki for drainage sluicemen	Drainage.
78	2109	98, 23, & 27	9255	181	Bazar Gate Street and Agiari Street.	Land for street improvement.	Road ..
79	2293-97	270 & 274	8797	181	Bora Bazar ..	Land	Road. ..

Ward A—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.					
..	1,40,000	6,889·79	G. R. 443 / 1546 O. W. of 23-12-79.	Public use..	Used for the same purpose.	Nil.	
44,356	54,054	1546·77	1868	Drainage ..	Do. ..	Nil.	
23,445	50,000	1666·67	18-10-92	Fire Brigade and market.	Do. ..	Nil.	
..	250	3·60	Do. ..	Public use..	Do. ..	Nil.	
..	600	7·20	Do. ..	Do. ..	Do. ..	Nil.	
..	40	..	Do. ..	Do. ..	Do. ..	Nil.	Removed.
..	360	3·5	Do. ..	Do. ..	Do. ..	Nil.	Do.
416	416	6·00	1892	Do. ..	Do. ..	Nil.	
..	900	14·23	Do. ..	Do. ..	Do. ..	Nil.	
190	2,036	94·30	G. R. 60 O. W / 144 of 1-2-84	Do. ..	Do. ..	Nil.	
..	1,596	139·62	Proclamation of 1854.	Do. ..	Do. ..	Nil.	
..	28,000	140·00	Not known.	Do. ..	Do. ..	Nil.	
..	200	11·00	Do. ..	Do. ..	Do. ..	Nil.	
..	160	·33	Do.	Do. ..	Do. ..	Nil.	
..	1,308	32·70	....	....	....	....	
..	500	17·00	Not known..	Public use.	Used for the same purpose.	Nil.	
..	100	·44	Do.	Do.	Do. ..	Nil.	
..	100	1·77	Do.	Do.	Do. ..	Nil.	
..	700	1·5	Do.	Do.	Do. ..	Nil.	
..	850	13·4	Do.	Do.	Do. ..	Nil.	
..	500	4·66	Do.	Do.	Do. ..	Nil.	
..	500	4·00	Do.	Do.	Do. ..	Nil.	
..	400	11·88	Do.	Do.	Do. ..	Nil.	
..	....	29×134	....	....	....	....	
75	75	3·2	1894	Road ..	Do. ..	Nil.	
..	....	....	.. .	....	....	....	
..	....	....	....	....	....	....	
..	....	....	....	....	....	....	
41,827	41,827	925·00	1895	Market ..	Used for the same purpose.	1,500	
23,445	23,445	742·00	1894	Fire Brigade	Do. ..	Nil.	
2,963	....	45·8	1889	Road ..	Do. ..	Nil.	
75	75	3·2	1894	Do. ..	Do. ..	Nil.	
14,000	....	169·11	17-6-95	Do. ..	Do. ..	Nil.	The property was purchased for Rs. 14,000 and out of 261 sq. yds. 169·11 added to the Road in Barber Lane and the rest sold with superstructure to Dr. Sukhia for Rs. 4,446.
..	....	....	....	....	....	....	This is a temporary shed put up in monsoon and then removed.
5,000	....	67·00	1864	Road ..	Do. ..	Nil.	Rs. 5,000 paid for land and structure.
24,690	....	440·00	29-6-94	Do. ..	Do. ..	....	961 square yards purchased for Rs. 24,690 of which 440 sq. yds. added to road and the rest sold.

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
80	2907 (2)	219A	8484	1	Frere Road	Shed for Drainage Dept:.	Drainage ..
81	3100	7	8480	....	Uran Street.. ..	Night-soil Depôt	Health .. ..
82	3228 (2)	56A	8474	150	Hornby Road ..	Urinary	Do. .. ..
83	3718 (3)	19B	8473	150	Carnac Road ..	Water-drinking fountain.	Water .. ..
84	2721 (2)	53	8475	....	Do. ..	Lascars' quarters ..	....
85	3707 (3)	76	8472	....	Do. ..	Land	....
86	1037 (A)	3A	9559	193	Custom House Road.	3 seated urinal	Health .. ..
87	1356 (1 A)	26A	9322	190	Elphinstone Circle Garden	Do.	Do. .. ..
88	1033 (2)	68A	9523	194	Dalal Street ..	Do.	Do. .. ..
89	3423 (2)	6A	8475	150	Paltan Road ..	Do:	Do. .. ..
90	574 (1)	17	9560	205	Colaba..	Air Compressor Station Engineer's quarters &c:	Drainage ..
	574 (3)	17A	9560				
	574 (4)	17B					
91	2377 (5)	7	8471	175	Junction of Fort and Hornby Roads.	Dr. Blaney's statue.	Executive Engineer.
92	1221 (2)	12A	9472	195	Bell lane	Urinal	Health .. ..
93	689	24	9570	205	Hamal Street.	Vacant Land.	Road .. ..

Ward A—*concluded.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
..	....	....	....	....	....	....	This is a temporary shed.
400	400	256·00	....	N. S. Depot.	Used for the same purpose.	....	On Port Trust ground.
..	500	17	....	Public use..	Do. ..	....	
..	125	7	1896	Do. ..	Do. ..	....	
..	....	....	....	....	....	....	
..	....	....	....	....	....	....	
..	350	5·36	1895	Public use..	Used for the same purpose.	Nil.	
1,665	500	6·66	1893	Do. ..	Do. ..	Nil.	
..	400	6·66	1893	Do. ..	Do. ..	Nil.	
620	620	....	1895	Do. ..	Do. ..	Nil.	Demolished.
1,26,175	1,26,175	2537·00	1893	Pumping Sewage.	Do. ..	Nil.	
..	16,000	40	1894	....	....	Nil.	
400	405	2·66	1896	Public use..	Used for the same purpose.	Nil.	
..	....	82·35	1896	Proposed Road.	To be utilized hereafter.	Nil.	

List of Municipal

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
94	456	114	2055	135	Chuckla Street ..	Stand-pipe	Water .. ..
95	736 (2)	79A	2170	135	Dhobi Street ..	Urinals	Health .. ..
96	789 (2)	50A	2098	136	Nagdevi Street ..	Stand-pipe	Water .. ..
97	798 (2)	4A	2108	136	Bibijan Street ..	Urinals	Health .. ..
98	900 (2)	108A	2108	136	Narayan Dhuru Street.	Do.	Do. ..
99	922 (2)	8A	2100	136	Do. ..	Do.	Do. ..
100	925 (2)	8A	2101	136	Do. ..	Do.	Do. ..
101	952 (2)	46A	1280	136	Nakhoda Street ..	Do.	Do. ..
102	960	42	1268	136	Kolsa Street ..	Partly used as a Fire Brigade Station.	Executive Engineer.
103	2179 (1)	44, 46, 11	1267	136	Do. and Parel Road.	Pydhoni Police Station ..	Police .. ..
104	1050, 1051 (1)	393	2712	125	Dongri Street ..	Keshuvji Naik's fountain and cattle-trough.	Water .. ..
		395,397(2&4)	2711	125	Do. and Chinch-bundar Rd.	Land	Road .. ..
105	1171 (1)	311	2652	134	Dongri Street ..	Police Chowkey (Musjid Bridge)	Police .. ..
106	1187(2),1187(3)	1A, 1B	2439	151	Do. and Coli Lane.	Land, urinals	Health .. ..
107	1170 (2)	309A	2651	134	Road to Masjid Station.	Land for Fire Brigade Station	Road .. ..
108	1235 (2)	3A	2641	134	Do. ..	Stand-pipe	Water .. ..
109	1654	228	2333 (2)	125	Samuel Street ..	Do. ..	Do. ..
110	1303 (2)	13A	2251	135	DeSouza Street ..	Urinals, three	Health .. ..
111	2179 (2)	11A	1267	136	Parel Road, Bhendi Bazar.	Pydhoni reservoir ..	Water .. ..
112	2426 (2)	611A	3099	103	Memonwada Road ..	Latrines	Health .. ..
113	2471 (2)	416A	3008	124	Do. ..	Urinals	Do. ..
114	2502 (2)	498A	3077	124	Do. ..	Do.	Do. ..
115	2523	566	3072	103	Do. ..	Well	Water .. ..
116	2603 (2)	249A	2993	124	Kambekar Street ..	Urinals	Health .. ..
117	2704	575 & 106	3090	124	Jakaria Musjid Street	Latrines and urinals ..	Do. ..
118	3071	702	3167	101	Dongri Street ..	Stand-pipe.	Water .. ..
119	3617 (1)	35	3658	102, 103	Babula Tank Road.	Babula tank	Do. .. ..
120	3617 (2)	35A	..	102	Do. ..	Urinals, two	Health .. ..
121	4306 (2)	17A	2/3637	91	Valpakhadi ..	Latrine	Do. ..
122	4731 (2)	53A	3186	133	Argyle Road ..	Urinals	Do. ..
123	4731 (3)	53B	..	133	Do. ..	Do.	Do. ..
124	4731 (4)	53C	..	127, 133	Do. ..	Do.	Do. ..
125	4731 (5)	53D	..	127	Do.	Do.	Do. ..
126	4877	54	3186	125	Clive Road.. ..	Customs office, tobacco ..	Customs ..
127	5347 (2)	27A	..	133	Surat Street ..	Urinals, two	Health ..
128	5347 (3)	27B	..	133	Do.	Do.	Do. ..
129	5347 (4)	27C	..	132, 133	Do.	Do.	Do. ..
130	5354 (2)	34A	..	132	Do.	Do.	Do. ..

Properties—Ward B.

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
50	2,666	21·58	Govt. proclamation. 11-4-54.	Public use.	Used for the same purpose.	....	Dipping well fitted with stand-pipes fixed in the parapet wall.
..	150	3·00	..	Do. ..	Do. ..	....	
50	706	18·00	Govt. proclamation. 11-4-54.	Do. ..	Do. ..	....	Well closed and stand-pipe fixed in the parapet wall.
..	150	1·38	..	Do. ..	Do. ..	....	
505	505	1·25	1894 ..	Do. ..	Do. ..	....	
..	150	0·33	..	Do. ..	Do. ..	....	
..	40	0·33	..	Do. ..	Do. ..	....	
..	150	3·45	..	Do. ..	Do. ..	....	
1,031	9,156	72·50	In 1883-84 and 1890-91.	Fire Brigade	Do. ..	21	A portion rented to Mr. Abubakar Haji Mahomed at Rs. 21 per month.
24,000	32,543	283·36	1880 ..	Police Stn. .	Do. ..	....	
25,000	25,000	69·64	1876 ..	Drinking Fountain.	Do. ..	....	
..	....	130·00	..	Road improvement	Do. ..	....	
1,500	6,675	63·11	..	PoliceChowkey.	Do. ..	....	
6,811	9,778	210·00	..	Part of Old Road.	Urinals, latrines.	....	Land used for storing road materials.
4,890	14,856	495·22	..	Fire Brigade	Vacant ..	....	Do. do.
50	6,979	220·00	..	Public use.	Used for the same purpose.	....	Dipping well shut off and stand-pipe replaced.
50	492	9·2	Govt. proclamation. 11-4-54	Do. ..	Do. ..	....	Dipping well converted into a stand-pipe by putting taps to parapet wall.
..	450	5·27	..	Do. ..	Do. ..	....	
1,000	22,968	85·27	..	Do. ..	Do. ..	....	
..	2,150	59·00	..	Do. ..	Do. ..	....	
..	150	1·71	..	Do. ..	Do. ..	....	
..	40	1·00	..	Do. ..	Do. ..	....	
..	500	51·82	..	Do. ..	Do. ..	....	
..	150	1·50	..	Do. ..	Do. ..	....	
2,249	2,250	105·83	1894 ..	Do. ..	Do. ..	....	
50	1,919	40·48	..	Do. ..	Do. ..	....	Dipping well converted into a stand-pipe by putting taps to parapet wall.
..	1,44,008	..	Govt. proclamation. 11-4-54.	Do. ..	Do. ..	....	Partly filled in and a Fire Brigade Station erected on the reclaimed ground.
..	300	2·33	..	Do. ..	Do. ..	....	
..	1,500	41·77	..	Do. ..	Do. ..	....	
..	150	2·77	..	Do. ..	Do. ..	....	
..	150	2·77	..	Do. ..	Do. ..	...	
..	150	2·77	..	Do. ..	Do. ..	...	
..	150	2·77	..	Do. ..	Do. ..	....	
2,000	3,163	105·00	11-5-86 ..	Tobacco office.	Do. ..	....	
..	280	1·52	..	Public use.	Do. ..	....	
..	150	2·44	..	Do. ..	Do. ..	....	
..	150	2·44	..	Do. ..	Do. ..	....	
..	150	2·44	..	Do. ..	Do. ..	....	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in charge of the Property.
131	3677 3680	673-81	3184	101-125	Dongri Street ..	Land for making road and structure.	Building. ..
132	1074 (2)	185A	2688	125	Chinch Bandar Road.	Land	Do. ..
133	1871 (2)	274	2306	135	Janjikar Street ..	Urinal	Health ..
134	2033 (2)	40A	2571	134	Bardan Street ..	Do.	Do. ..
135	2040 (4) 2040 (5)	67C & 67D	2640	134	Narrow Street ..	Do.	Do. ..
136	1633 (2)	136A	2222	134	Samuel Street ..	Do.	Do. ..
137	2172 (3)	24A	2964	125	Paidhoni Road ..	Do.	Do. ..
138	2059 (2)	1A	2910	124	3rd Dontad Cross Lane.	Urinals, two	Do. ..
139	1070 (2)	163A	2701	125	1st Chinch Bandar Road.	Iron drinking fountain ..	Water ..
140	3091 (5)	16A	3647	101	Jail Road, North ..	Urinals, four	Health ..
141	4278 (2)	229 A	3632	91	Mazagon Road ..	Iron stand-pipe	Water ..
142	4724 (2)	23A	3186	133	Argyle Road ..	Cattle-trough and stand-pipe.	Do. ..
143	5329 (2)	41A	3186	133	Masjid Bandar Bridge North.	Do. do. ..	Do. ..
144	5345 (2)	70 (A)	3186	133	Do. South.	Do. do. ..	Do. ..
145	4307 (2)	1A	3183	91,92	Mazagon and Wadi Bandar.	Vacant land for 48" pipe line.	Do. ..
146	5356 (2)	38A	3186	133	Surat Street ..	Urinals	Health ..
147	5386 (2)	71A	3186	133	Broach Street ..	Do.	Do. ..
148	5338 (2)	22A	3186	133	Musjid Bridge Road.	Do.	Do. ..
149	5338 (3)	22B	3186	133	Do. ..	Do.	Do. ..
150	5338 (4)	22C	3186	132	Do. ..	Do.	Do. ..
151	5551 (2)	1A	3186	152	Carnac Central Road	Latrine	Do. ..
152	713 (2A)	58A	2092	135	Bhajipala Street ..	Urinal, 2-seated	Do. ..
153	1528 (2)	1A	2351	150	Old Bangalpura St.	Do.	Do. ..
154	2091 (2)	310A	2428	151	Carnac Road ..	Tank	Do. ..
155	2037 (2)	19	2276	135	1st Kumbharwada Cross Lane.	Urinal	Do. ..
156	1459 (2)	1A	2420	150	Jambli Street ..	Do.	Do. ..
157	82 (3)	357B	2107	136	Abdul Rhaman St., Allahbag.	Drinking fountain ..	Water ..
158	34 (2)	131A	1986	150	Do. in front of Mr. Haji Kasam's House.	Do. ..	Do. ..
159	5329 (2)	2	3186	151	Carnac Siding Road.	Cattle-trough (Dharsi Nanji)	Do. ..
160	4732	55	3186	127	Argyle Road ..	Drinking fountain (Dharsi Nanji's)	Do. ..
161	4978	55	3186	127	Malet Road ..	Stand-pipe with cattle-trough.	Do. ..
162	4966	1	3186	126	Do. ..	Cattle-trough	Do. ..
163	4978	55	3186	126	Elphinstone Bridge Road, North.	Stand-pipe with cattle-trough.	Do. ..
164	4886	100	3186	126	Clive Road ..	Stand-pipe	Do. ..
165	3060	640	3155	101-125	Dongri Street ..	Water Tank	Do. ..
166	1051 (2)	397A	2711	125	Do. ..	Urinals	Health ..
167	2803 (3)	97B	3119	124	Tandel Street ..	Do.	Do. ..
168	5379 (2)	41A	3186	134	Musjid Bridge, North	Do. 2 seats	Do. ..
169	6345 (3)	70 B	..	134	Do. South.	Do. do.	Do. ..
170	925 (1A)	8B	..	136	Narayen Dhuru St..	Do.	Do. ..
171	3665	665-669	3172	101-125	Dongri Street ..	Land	Road ..
172	3676	671-673	3172	101	Do. ..	Do.	Do. ..
173	3681	689-691	3172	101	Do. ..	Do.	Do. ..
174	1285 (2A)	3B	2641	134	Musjid Station Road	Chowki	Do. ..

Ward B—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
25,530	30,650	376	24-6-85 ..	Road-making.	Used for the same purpose.	Nil.	
2,630	15,093	375·08	..	Portion of old road.	Vacant ..	....	
..	40	1·17	..	Public use.	Used for the same purpose.	....	
..	40	1·93	..	Do. ..	Do. ..	....	
..	40	1·50	..	Do. ..	Do. ..	....	
163	150	3·03	1892 ..	Do. ..	Do. ..	....	
..	150	1·38	..	Do. ..	Do. ..	....	
..	300	5·10	..	Do. ..	Do. ..	....	
..	1,000	3·14	..	Do. ..	Do. ..	....	
..	600	7·65	..	Do. ..	Do. ..	....	
..	50	3·51	..	Do. ..	Do. ..	....	
..	300	33·87	..	Do. ..	Do. ..	....	
..	560	10·00	..	Do. ..	Do. ..	....	
..	560	10·00	..	Do ..	Do. ..	....	Cattle-trough not in use.
..	7,933	..	..	Laying 48" water main	Do. ..	....	
..	150	1·50	..	Public use.	Do. ..	....	
719	280	4·16	..	Do. ..	Do. ..	....	
..	280	4·16	..	Do. ..	Do. ..	....	
..	280	4·16	..	Do. ..	Do. ..	....	
..	280	4·16	..	Do. ..	Do. ..	....	
..	800	25·00	..	Do. ..	Do. ..	....	
..	280	4·87	..	Do. ..	Do. ..	....	
..	280	1·00	..	Do. ..	Do. ..	....	
..	280	1·16	..	Do. ..	Do. ..	....	
..	280	0·76	..	Do. ..	Do. ..	....	
..	280	0·76	..	Do. ..	Do. ..	....	
..	100	1·97	..	Do. ..	Do. ..	....	
..	200	..	..	Do. ..	Do. ..	....	Cattle-trough not in use.
..	800	69·44	..	Do. ..	Do. ..	....	
..	500	33·87	..	Do. ..	Do. ..	....	
..	600	33·33	..	Do. ..	Do. ..	....	
..	2,000	127·34	..	Do. ..	Do. ..	....	Erected by S. P. C. A.
..	500	27·50	..	Do. ..	Do. ..	....	
..	500	14·79	..	Do. ..	Do. ..	....	
..	..	32·11	..	Do. ..	Do. ..	....	
..	..	8·33	..	Do. ..	Do. ..	....	
..	..	4·25	..	Do. ..	Do. ..	....	
..	..	1·83	..	Do. ..	Do. ..	....	
..	..	1·83	..	..	....	....	
..	..	6·44	..	Do.	Do. ..	....	
13,250	13,250	132·66	20-12-95	Road thro' Nowroji Hill.	To be utilized	....	
8,000	8,000	91·66	1-3-95	Do. ..	Do. ..	....	
10,000	10,000	133·66	16-8-95	Do. ..	Do. ..	....	
81	81	46·67	1893	Road making.	Depot Chowkey.	....	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
175	1585 (2)	57A	2565	134	Samuel Street ..	Urinal	Health ..
176	2091 (3)	310B	2428	151	Carnac Road ..	Latrines	Do. ..
177	3617 (1A)	35AA	3658	102	Babula Tank ..	Fire Brigade Station ..	Fire Brigade ..
178	3617 (3)	35	3658	102	Do. ..	Land for Chief Inspector's quarters W. W.	Ex. Engr. ..
179	4243 (2)	153A	3185	100	Chinch Bandar ..	Chowki	Road ..
180	4482 (2)	214A	3186	99	Frere Road ..	Do.	Do. ..
181	4876 (2)	52A	3186	126	Clive Road ..	Urinal and latrine ..	Health ..
182	4930	22	..	126	Street No. VI ..	Do.	Do. ..
183	....	22	..	134	Musjid Station Road	Urinal, 5 seats	Do. ..
184	3632 (2)	509A	3179-80	151	Dongri Street ..	Urinals	Do. ..
185	1051 (2)	397A	27116	125	Junction of Chinch Bandar Road and Dongri Street.	Do.	Do. ..
186	....	26/27	..	191	Dongri Street ..	Land and Building ..	Road Dept. ..
187	3666	2/9	..	101	Do. ..	Do. ..	Do. ..
188	....	304/306	..	152	Carnac Road ..	Do. ..	Do. ..
189	1482 (A)	71A	2515	134	Isaji Street ..	Urinal	Health ..
190	3117 (2)	47A	2988	100	Chinch Bandar Rd..	Do.	Do. ..
191	4307 (2)	1A	3188	91-92	Wari Bunder Road..	Land	Drainage ..
192	857 (2)	13A	..	136	Narayan Dhuru St..	Urinal	Health ..
193	2365	489A	3005	123	Nagdevi Road ..	Do.	Do. ..
194	3113	31A	2989	123	Chunam Kiln Road.	Do.	Do. ..
195	3110	113A	2968	125	1st Chinch Bandar Road.	Do.	Do. ..
196	3117	47A	2988	123	Chinch Bandar Road	Do.	Do. ..
197	2427	1 & 4	3099	103	Meman Wada Road.	Land	Drainage ..

Ward B—*concluded.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the Same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
..	40	1·00	..	Public use..	Used for the same purpose.	....	
..	..	39·61	..	Do. ..	Do. ..	....	
20,000	48,156	1548·00	1896 ..	Fire Brigade	Do. ..	....	
..	..	1080·00	..	Water Dept.	Vacant ..	....	
..	81	28·89	1893 ..	Road Chowki	Chowki ..	....	
..	81	68·89	1893 ..	Do. ..	Do. ..	....	
871	871	2·67	1895 ..	Public use..	Used for the same purpose.	Nil.	
..	..	..	..	..	..	....	
580	580	5·33	1893 ..	Public use..	Used for the same purpose.	Nil.	
1,154	1,154	3·41	1894 ..	Urinal ..	Do. ..	Nil.	
638	638	3·41	1895 ..	Do. ..	Do. ..	Nil.	
..	..	140·67	20-8-96	Road thro' Nowroji Hill	To be utilised.	Nil.	
9487·50	9487·50	..	21-1296	Do. ..	Do. ..	Nil.	
6,144	6,144	163·33	10-7-96	Road improvement.	Used for the same purpose.	Nil.	
575	575	..	1896 ..	Public use..	Do. ..	Nil.	
516	516	..	1896 ..	Do. ..	Do. ..	Nil.	
..	..	938·52	..	..	..	....	
..	40	·83	..	Public use..	Used for the same purpose.	Nil.	
..	20	1·00	..	Do.	Do.	Nil.	
..	150	1·50	..	Do.	Do.	Nil.	
..	150	1·50	..	Do.	Do.	Nil.	
..	300	4·5	..	Do.	Do.	Nil.	
..	1244	88·38	1895 ..	Do.	Do.	Nil.	

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
198	103(2)	550A	1842	136	Abdul Rhaman St...	Urinal	Health ..
199	140(2)	103	1862	149	Sheik Memon and Janjiker Street.	Drinking fountain ..	Water ..
200	161(2)	269A	1393	136	Do. (2nd Agiari Lane)	Urinal	Health ..
201	181	335	1380	136	Sheik Memon Street (1st Agiari St.)	Dipping well	Water ..
202	189(2)	361A	1379	136	2nd Agiari Lane (Sheik Memon St.)	Urinal	Health ..
203	780	85	1374	136	Mumbadevi ..	Well, Capawalla's Junction with Musjid.	Water ..
204	807(3)	28B	1378	136	Do. (Lohar St.)	Urinal	Health ..
205	939 & 1027	104 & 24	1819-20	149	2nd Carnac Road ..	Stand-pipe	Water ..
206	1784(2)	1A	Nil.	161	Kalbadevi Road, Junction of Esplanade Road.	Fitzgerald lamp	Do. ..
207	....	....	Nil.	148	Do. ..	Iron tanks in Cavel Street opposite to Old Hanuman Lane.	Road ..
208	2051(1)	116-2	8287	161	Girgaum Road and 1st Marine St.	The Framji Cawasji Tank..	Water ..
209	2211	412	8114	139	Girgaum Road ..	Well next to Vetenary-Surgeon, Gosla Metha.	Do. ..
210	2311(1)	175	8240	162-163	Queen's Road ..	Land metal depôt ..	Road ..
211	2311(2)	2B	.. ..		Do. ..	Chowki	Do. ..
212	2321	187	8099	140-145	Thakurdwar Street (Queen's Road).	Drinking fountain & land.	Water ..
213	2615	37	8361	162	3rd & 4th Marine St.	Well	Do. ..
214	2783	405	8242	169	Lohar Street ..	Pork Market	Supdt.of Market and Slaughter Houses.
215	3753	100	200	147	Cavel Street ..	Stand-pipe . ..	Water ..
216	5061	11	573	137	Bhuleshwar ..	Market	Supdt.of Market and Slaughter Houses.
217	5062	13-15	573	137	Do.	Do.	Do.
218	5063	17-19	573	137	Do.	Do.	Do. ..
219	5064	21-23	573	137	Do.	Do.	Do. ..
220	5065	25-27	573	137	Do.	Do.	Do. ..
221	5066	29-35	573	137	Do.	Do.	Do. ..
222	5067 (1, 2 & 3)	37, 37A, 37B	573	137	Do.	Do.	Do. ..
223	5292	4-6	572	137	1st Bhoiwada Street.	Extension of Bhuleshwar Market.	Do. ..
224	5323	3, 5, 7	573	137	2nd do. ..	Do. do. ..	Do. ..
225	5060 (2)	426-36	571	137	Bhuleshwar Road, 1st Bhoiwada St. and Kalkadevi Road.	Fire Brigade Station ..	Fire Brigade ..
226	5224	4	458	137	Panchaitwadi ..	Well	Water ..
227	5697	61-1	623	121	Girgaum Back and Kavasji Patel Tank Roads.	Cawasji Patel Tank ..	Do. ..
228	5953 (2)	255	766	122	Erskine Road ..	Fountain	Do. ..
229	6219 (2)	201A	917	123	Gogari Mohoila ..	Urinary	Health ..
230	6513A	65	7481	121	Girgaum Back Road	Well now filled up and a stand-pipe erected.	Water ..
231	6652A	63	5762	121	Khetwadi Main Rd.	Urinal ..	Health ..
232	6737-38-39	14-16	5364-65	121	Ardeshir Dadi and Islampura Street.	Night-soil depôt and chowki.	Do. ..
233	6815	98	4706	122	Erskine Road ..	Land and latrine ..	Do. ..
234	6817	106	Nil.	122	Do. ..	Reservoir	Water ..
235	6818	108	Nil.	122	Do. ..	Vacant land (portions assessed as stalls).	Supdt.of Market and Slaughter Houses.

Properties—Ward C.

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs. 686	Rs. 686	Sq. yds. 7·5	1892	Public use.	Used for the same purpose.	Rs. Nil.	
..	7,700	6·57	....	Do.	Do.	Nil.	
..	300	9·28	....	Do.	Do.	Nil.	
50	3,450	·34	....	Do.	Do.	Nil.	Well filled in and a stand-pipe and cattle trough erected.
..	200	3·88	....	Do.	Do.	Nil.	
..	2,302	44·05	....	Do.	Do.	Nil.	
..	50	6·75	....	Do.	Do.	Nil.	[erected.
50	930	21	....	Do.	Do.	Nil.	Well filled in and stand-pipe
500	5,000	67·02	....	Do.	Do.	Nil.	
..	500	5·56	....	Do.	Do.	Nil.	
..	78,850	3118	....	Do.	Do.	Nil.	
..	2,497	79·90	....	Do.	Do.	Nil.	
..	23,500	1175	....	Do.	Do.	Nil.	Lease for 999 years subject to redemption after three months' notice. It is included in the N. S. Depôt
..	..	..	....	Do.	Do.	Nil.	
..	200	3·77	....	Do.	Do.	Nil.	
50	5,803	40·54	....	Do.	Do.	Nil.	
2,000	4,248	122·94	1867	Market.	Do.	100	
50	608	19·63	....	Public use.	Do.	Nil.	
79,955	81,185	60·505	19-11-68	Market.	Do.	....	
..	..	..	....	Do.	Do.	....	
..	..	..	....	Do.	Do.	....	
..	..	..	....	Do.	Do.	....	
..	2,93,878	819·18	....	Do.	Do.	....	
..	..	..	....	Do.	Do.	....	
..	..	..	....	Do.	Do.	....	
..	..	..	....	Do.	Do.	....	
..	....	91·73	....	Do.	Do.	....	
..	40,693	....	1894	Fire Brigade	Do.	Nil.	
100	1,326	42·02	....	Public use.	Do.	Nil.	
1,000	29,886	988·65	....	Do.	Do.	Nil.	
..	100	15·09	....	Do.	Do.	Nil.	Removed and fixed near Police Chowki at Erskine Road.
..	50	1	....	Do.	Do.	Nil.	
50	1,238	83·66	....	Do.	Do.	Nil.	
..	100	17·33	....	Do.	Do.	Nil.	
..	6,792	279·28	G.R. No. 902 4-2-86.	Do.	Do.	Nil.	
..	13,216	144·05	....	Do.	Do.	Nil.	[pipe.
100	8,657	155·02	....	Do.	Do.	Nil.	Now converted into a stand-
8,700	1,940	121·5	....	Market.	Do.	....	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
237	613 (2)	74A	1914	149	Junction of Shamset and Abdul Rehman Streets.	Urinal	Health ..
238	7050, 7143, 7173, 7174 (1), (2), 7144 7172 (1), 7234 and 7999	4,5, 20 to 44, 29, 33 to 53*	4663 4701 4702 4703	122	Doctor and Khoja Streets and 1st Duncan Road.	Erskine Road, Market, old and new.	Supdt. of Market and Slaughter House.
239	6817	106	4704,4705	122	Erskine Road ..	Reservoir	....
240	7983 (1)	47	4670	104	Guzar Street ..	Stables	Health ..
241	,,	58	4352	104	Do. ..	Extension of Reservoir stables.	Do. ..
242	,,	47	4670	104	Do. ..	Do. do. ..	Do. ..
243	,,	47	4670	104	Do. ..	Do. do. ..	Do. ..
244	,,	47	4670	104	Do. ..	Do. do. ..	Do. ..
245	7205 (2)	96A	4688	104	Chimna Butcher St..	Urinary	Do. ..
246	7217 (1)	142	4341	104	Do. ..	Night-soil depôt	Do. ..
247	7419 (A)	194A	4854	104	Duncan Road ..	Urinary	Do. ..
248	7462 (1)	358	Nil.	104	Do. ..	Tank (one of two tanks) ..	Water ..
249	7972 (1)	206,230,121	5599 5603-4-5	105	Grant Road ..	Northbrook Gardens ..	Supdt. of Municipal Gardens.
250	7991-92	18, 1, 2	4853	104	Guzar Street ..	Chowki Ward Office ..	Road ..
251	2458 (2)	11A.	Nil.	161	Jambulwadi ..	Urinal	Health ..
252	2051 (2 and 3)	2A, 2B	8287	161	Girgam Road (Dhobi Talao).	Two drinking fountains ..	Water ..
253	2051 (4)	2C	....	161	Dhobi Talao, 1st Lane	Stand-pipe	Do. ..
254	1722 (1)	2	1502	136	Shekodi Lane ..	Well	Do. ..
255	3215 (2)	5A	8228	147	Chandanwadi ..	Urinal	Health ..
256	103 (3)	550B	1842	136	Abdul Rhaman St..	Latrine	Do. ..
257	6040 (2)	200, 204A	1021	136	Parel Road, Bhendi Bazar, Agiari St.	Urinal	Do. ..
258	8091 (2)	514-518A	4555	103	1st Cooper Street ..	Do.	Do. ..
259	7960 (4)	227A	4172	103	Bapty Road & Khoja Street.	Do.	Do. ..
260	7462 (2)	358A	5665	121	Duncan Road ..	Do.	Do. ..
261	7183 (2)	85A	4271	104	Chimna Butcher St..	Do.	Do. ..
262	7217 (2)	142A	4341	104	Do. ..	Latrine	Do. ..
263	6406 (2)	5A	900	122	Nizam Street ..	Urinal	Do. ..
264	....	398	4706	123	Erskine Road ..	Latrine	Do. ..
265	7169	3	4706	123	Chimna Butcher St.	Latrine and Urinal ..	Do. ..
266	1813 (2)	116A	125	147	Kolbhat Street, near its junction with Kalbadevi Road.	Urinals	Do. ..
267	5622 (2)	33A	643	121	2nd do. and 2nd Pinjrapole.	Do.	Do. ..
268	5844 (2)	33A	1230	122	Kika Street ..	Do.	Do. ..
269	980 (2)	3A	1758	148	Patakwadi ..	Do.	Do. ..
270	896 (2)	3A	1788	161	Picket Road ..	Do.	Do. ..
271	3217 (2)	1A	8226	146	Chandanwadi ..	Stand-pipe (on private ground).	Water ..
272	2149 (2)	384A	8135	147	GirgaumNana's Cart	Stand-pipe	Do. ..
273	2891	28	8244	162	Charniwadi Lane ..	Do.	Do. ..
274	5158 (2)	84 (A)	551	137	Bhuleshwar near temple.	Fountain	Do. ..
275	4496 (2)	62 (A)	455	137	Bhuleshwar end of Cathedral Street.	Do.	Do. ..
276	7183 (3)	85 (B)	4271	104	Chimna Butcher and Duncan Road, 2nd Street.	Do.	Do. ..
277	7972 (2)	230 (A)	5599 5607-4-5	104	Trimbak Parsharam Street and Northbrook Garden Junc., Grant Road.	Do.	Do. ..
278	6703 (2)	45 (A)	5354	122	Ardeshir Dadi Street	Stand-pipe	Do. ..
279	6383 (2)	96 (A)	870	123	Musjid Street ..	Urinal	Health ..
280	1645 (2)	155 (A)	1481	148	Vithalwadi ..	Do.	Do. ..

Ward C—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs. 282	Rs. 282	Sq. yds. 2·66	1895	Urinal and latrine.	Used for the same purpose.	Rs. Nil.	
5,34,000	1,50,770	5,412·4	....	Market.	Do.	56,800-8-8	* 24 & 42, 15 & 21, 31 & 35, 15 & 25 (1), 27, 29 & 1 & 13, 51A, 14 & 31.
..	906	155·02	1864	....	....	....	The Reservoir is not in use.
6,416	1,71,193	2,438·88	....	HealthDept.	Do.	Nil.	
..	11,500	230	18-1-88	Do.	Do.	Nil.	
..	4,280	214	17-11-88	Do.	Do.	Nil.	
..	7,700	286	31-11-83	Do.	Do.	Nil.	
..	2,800	180	5-4-88	Do.	Do.	Nil.	
..	100	202·13	....	Do.	Do.	Nil.	
2,335	6,455	459·18	....	Do.	Do.	Nil.	
..	50	1·66	....	Do.	Do.	Nil.	
..	6,455	200·81	....	Public use.	Do.	Nil.	
..	1,43,382	12,085·85	12-3-83	Do.	Do.	Nil.	
15,026	10,685	528·30	....	Municipal Ward Office.	Do.	..	
..	100	6·33	....	Public use.	Do.	Nil.	
..	600	4·06	....	Do.	Do.	Nil.	
..	100	9·12	....	Do.	Do.	Nil.	
..	1,000	65·94	....	Do.	Do.	Nil.	
..	150	8·77	....	Do.	Do.	Nil.	
..	300	13·81	....	Do.	Do.	Nil.	
..	75	·68	....	Do.	Do.	Nil.	
..	75	3·75	....	Do.	Do.	Nil.	
..	150	6·94	....	Do.	Do.	Nil.	
..	75	·68	....	Do.	Do.	Nil.	
..	75	·68	....	Do.	Do.	Nil.	
..	300	24·11	....	Do.	Do.	Nil.	
267	267	2·66	1895	Do.	Do.	Nil.	
..	250	144·05	....	Do.	Do.	Nil.	
..	450		....	Do.	Do.	Nil.	
637	600	6·22	1894	Do.	Do.	Nil.	
..	75	·68	....	Do.	Do.	Nil.	
440	440	9·66	....	Do.	Do.	Nil.	
..	100	6	....	Do.	Do.	Nil.	
..	175	10	....	Do.	Do.	Nil.	
..	50	10	....	Do.	Do.	Nil.	On Veranda Mulla's house.
..	300	8·5	....	Do.	Do.	Nil.	
..	25	2·37	....	Do.	Do.	Nil.	
..	45	23·25	....	Do.	Do.	Nil.	
..	150	28·44	....	Do.	Do.	Nil.	
..	85	2·38	....	Do.	Do.	Nil.	
..	200	30·25	....	Do.	Do.	Nil.	
..	130	6·5	....	Do.	Do.	Nil.	
..	100	4	....	Do.	Do.	Nil.	
..	75	6	....	Do.	Do.	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
281	1301 (3)	16A	1727	148	New Hanuman Lane	Urinal	Health ..
282	807 (3)	26B	1378	136	Mumbadevi Road ..	Do.	Do. ..
283	5068 (2)	41A	574	137	2nd Bholwada ..	Do.	Do. ..
284	161 (3)	269B	1393	136	Sheik Memon Street.	Urinary	Do. ..
285	779 (2)	83 A	1379	136	Mumbadevi Street..	Water Fountain.. ..	Water ..
286	815 (2)	66 A	1378	136	Do. ..	Urinary	Health ..
287	1370 (2)	2	1620	149	Old Hanuman Street	Do.	Do. ..
288	1482	25	1638	148	Do. Cross Lane	Well	Water ..
289	1579	97	1530	148	Champawadi ..	Do.	Do. ..
290	1618 (2)	17A	1407	148	Vithalwadi ..	Urinary	Health ..
291	1678	8	1457	137	Telwadi	Well	Water ..
292	1747	15	1485	148	Ovalwadi	Do.	Do. ..
293	3346	2	8123	162	Chandanwadi ..	Latrines..	Health ..
294	3347	3-4	8239	162	Do. ..	Privies	Do. ..
295	3348	5	..	162	Do. ..	Night-soil Depôt and Chowki.	Do. ..
296	4083	5	8104	140	Karelwadi.. ..	Well	Water ..
297	3651	18	214	147	Cavel	Do.	Do. ..
298	3678	42	215	147	Do.	Do.	Do. ..
299	3705	66	216	147	Do.	(Well filled in) vacant land	Do. ..
300	3713	72	..	147	Do.	Well	Do. ..
301	3794	135	199	147	Do.	Do.	Do. ..
302	3833	161	..	147	Do.	Do.	Do. ..
303	3881	198	132	147	Do.	Do.	Do. ..
304	5525 (2)	2A	594	137	Maroti Lane ..	Urinary	Health ..
305	5787	9	Nil.	137	Fofalwadi ..	Well	Water ..
306	6166	134	861	122	Kazi Street ..	Police Chowki	Police ..
307	7977 (2)	85A	4504	143	Khara Tank ..	Urinary	Health ..
308	7989 (2)	123A-129	4575	103	Guzar Street ..	Do.	Do. ..
309	7146 (2)	58	4673	104	Mutton Street ..	Latrine	Do. ..
310	7278 (2)	83A	4726	104	1st Duncan Cross Road.	Urinal	Do. ..
311	7971 (3)	228B	5606	105	Junction of Northbrook Street and Grant Road.	Do.	Do. ..
312	5754 (2)	4	626	121	Junction of Cawasji Patel Tank Road with Girgam Back Road.	Do.	Do. ..
313	2310	10	8240	162	Queen's Road ..	Chowki	S. and Building.
314	2311 (2)	2B	8240	162	Do.	Do.	Drainage ..
315	6474 (3A)	8A	7480	121	Khetwadi Main Rd.	Urinal	Health ..
316	5776 (2)	99A	644	122	3rd Pinjrapole St.	Do.	Do. ..
317	5977 (2)	121A	745	122	Pinjrapole Street..	Do.	Do. ..
318	7153B	103A	4851	122	Mutton Street ..	Do.	Do. ..
319	7983 (2)	47A	4047	104	Guzar Street ..	Latrine	Do. ..
320	7983 (3)	47B	4049	104	Do. ..	Urinal	Do. ..
321	7417 (2)	158	4795	122	1st Bhandari Street.	Do.	Do. ..

Ward C—*concluded.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
..	75	3·33	....	Public use.	Used for the same purpose.	Nil.	
..	150	5	....	Do.	Do.	Nil.	
549	500	6·22	1894	Do.	Do.	Nil.	
..	50	9·28	....	....	....	....	
..	..	24·42	....	....	....	....	
..	600	5·17	....	....	....	....	
..	50	2·82	....	....	....	....	
..	1,280	31·35	....	....	....	....	
..	2,560	64·44	....	....	....	....	
..	50	1·57	....	....	....	....	
..	1,560	39·14	....	....	....	....	
..	1,400	34·96	....	....	....	....	
4,000	30,797	..	....	....	....	....	
		..	....	....	....	....	
		2479·70	1873	Public use.	Used for the same purpose.	Nil.	
..	300	3·14	....	....	....	....	
..	1,560	38·88	....	....	....	....	
..	760	18·60	....	....	....	....	
..	..	28·70	....	....	....	....	
..	640	15·66	....	....	....	....	
..	1,280	32·50	....	....	....	....	
..	280	6·83	....	....	....	....	
..	720	17·43	....	....	....	....	
..	30	·75	....	....	....	....	
..	1,640	40·60	....	....	....	....	
..	533	26·	....	....	....	....	
..	50	2·88	....	....	....	....	
..	50	1·26	....	....	....	....	
..	3,200	79·80	....	....	....	....	
298	298	2·88	1895	Public use.	Used for the same purpose.	Nil.	
1,126	1,126	6·85	1895	Do.	Do.	Nil.	
695	695	..	1896	Do.	Do.	Nil.	
80	80	32	....	Chowki ..	Do.	Nil.	
..	22	14	....	Do.	Do.	Nil.	
105	105	18	....	Public use.	Do.	Nil.	
..	25	2·66	....	Do.	Do.	Nil.	
..	23	4·66	....	Do.	Do.	Nil.	
..	205	5·50	....	Do.	Do.	Nil.	
..	15	1·33	....	Do.	Do.	Nil.	
50	50	1·33	....	Do.	Do.	Nil.	
..	50	4·66	....	Do.	Do.	Nil.	

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
322	512 (1) and 512 (2) (3)	5, 5A, 5B	8018	117	Girgaum Cross Lane.	Night-soil depôt & latrine.	Health ..
323	824	133	7518	121	Kandawadi Street, junction of Khatar Alli Lane.	Well	Water .
324	1169 and 1170	5, 1	8042	141	Charni Road ..	Engineer's chowki ..	Drainage ..
325	1189	51	8038	118	Do. Junction Girgaum Road	Fountain..	Water ..
326	1283	142	7838	119	Girgaum Back Road	Well (Persian wheel) ..	Road ..
327	1728	37	Nil.	120	Khetwadi 2nd Lane, junction of Khetwadi Main Road.	Dipping well	Water ..
328	1583	107	7423	120	Girgaum Back Road.	Well	Do. ..
329	1704 (2)	47A	5389	121	Khetwadi 1st Lane..	Urinal (old system, 4' ×6').	Health ..
330	2171 (2)	176A	5389	121	Falkland Road near Khetwadi 1st Lane.	Fountain	Water ..
331	1941	1	Nil.	120	Khetwadi Main Road and Khetwadi 6th Lane Junction.	Well	Do. ..
332	2036 (2)	58A	7377	106	Khetwadi 10th Lane.	Urinal (new system) ..	Health ..
333	2448	369	D / 7298	116	Queen's Road (Choupati.)	Stand-pipe and cattle-trough.	Water ..
334	2767	89	Nil.	116	Gamdevi Road ..	Fountain .. .	Do. ..
335	2871 (1, 2, 3 and 4) 2872 (1, 2, 3)	1, 1A, 1B, 1C 2, 3, 4	7343	110	Gowalia Tank Road.	Ward office, Fire Brigade Station lascars' quarters.	Road ..
336	2880	26	7340	110	Do. ..	Gowalia Tank	Water ..
337	2929	50	Nil.	110	Do. ..	Fountain (near the Towers of Silence Gates.)	Do. ..
338	2947 (2)	65A	7262	166	Walkeshwar Road near Government House Gate.	Drinking Fountain ..	Do. ..
339	3181 to 3188, 3221 (1, 2) 3225 (1 to 6C), 3218 to 3220.	131, 133, 135, 137, 139, 141, 143, 145, 13, 13A, 152, 1, 2, 3, 4, 5, 5A, 5B, 5C, 10, 11 & 12.	7159, 7160 & 7298.	115	Ridge Road and Ridge.	(a) Malabar Hill Reservoir, (b) Fire Brigade Station and lascars' quarters; (c) garden and Inspector's quarters.	(a) Water, (b) Fire Brigade, (c) Water.
340	3309	16	7,223	114	Nepean Sea Road and Dabholker Road.	Land and well	Road ..
341	3,316-17	40, 42	Nil.	114	Nepean Sea Road ..	Land occupied by— (a) Police chowkey .. (b) Well	{ Building .. Water ..
342	3544	10	7099	60	Warden Road ..	Stand-pipe	Do. ..

Properties—Ward D.

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
22,230	25,743	1,588·91	1866 ..	For night-soil depôt	Used for the same purpose.	Nil.	
50	3,110	111·06	Declared public in 1854.	For well ..	Do.	Nil.	
6,000	2,663	183·64	1866 ..	Drainage ..	For Drainage Dept. W. Offices.	Nil.	
....	159	3·97	....	For fountain.	Used for the same purpose.	Nil.	
50	6,400	226·71	Declared public in 1854.	For well ..	Do.	Nil.	
50	882	38·25	Do. ..	Do. ..	Do.	Nil.	
50	3,170	178·00	Do. ..	Do. ..	Do.	Nil.	
.....	119	2·86	....	Public use..	Do.	Nil.	
....	179	3·97	....	For fountain.	Do.	Nil.	
50	1,268	26·80	1854 ..	For well ..	Do.	Nil.	
....	374	28·00	....	Public use..	Do. ..	Nil.	
....	1,287	31·50	....	For Standpipe and cattle trough.	Do. ..	Nil.	
....	139	3·97	....	For fountain.	Do. ..	Nil.	
20,000 & 5,736 for new buildings.	40,736	3,962·00	1883 ..	For ward offices, &c.	Do. ..	Nil.	
2,000	58,999	24,499·83	Declared public in 1854.	For tank ..	Do.	Nil.	
50	179	3·97	....	For well ..	For fountain and road.	Nil.	
50	752	31·50	....	Do. ..	Used for the same purpose.	Nil.	
7,09,661	10,84,863	76,886·00	....	For reservoir, &c.	Do. ..	44	Revenue from grass and tapping trees about Rs. 44 per annum.
50	5,217	645·30	....	For well ..	For metal depôt and well.	Nil.	
50 Well..	3,057	325·88	....	For Police chowki and well.	Used for the same purpose.	Rs. 7 per year for land occupied by Police chowki.	
50	262	7·77	....	For well ..	....	Nil.	Well filled in and a cattle trough was erected, but it is now removed to Breach Vellard in G Ward

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
343	3900,3904(1&2) 3904(3),3909, 3905.	96, 4, 4A, 4B 5, 15	2/3415, 3401, 3400 and 2/3413	63	Clerk Road	Tardeo flats for reclamation with town sweepings 36 acres.	Health ..
344	3903(1)	3	3389	62	Do.	Metal depôt	Road ..
345	3907 (1)	11	C/3413	62, 63, 64	Do.	Tardeo flats for reclamation with town sweepings.	Health ..
346	3899 (1)	90, 92	3413	63, 64	Do.	Do. do. ..	Do. ..
347	3899 (2)	94	A/3413	63, 64	Do.	Do. do. ..	Do. ..
348	3908 (2)	13A	3414	64	Do.	Do. do. ..	Do.
349	3887	42	3406	63 & 81	Do.	Land 50 ft. wide on either side of old drains from Bellasis Bridge to Clerk Road for new sewerage work.	Drainage ..
350	3865, 3866	46, 48	3406&3407	81	Bellasis Road	(a) Drainage office shed and pipe depôt. (b) Kerosine oil godown	(a) Drainage and (b) Lighting ..
351	2721	1	5/7975	109	Kennedy Bridge ..	Metal depôt land ..	Road .. ..
352	2659 (1)	95, 97, 99	C/7298	116	Chowpatti	Do.	Do. ..
353	1464	1	80, 64	140 & 141	Queen's Road ..	Do.	Do. ..
354	2010 (2)	3A	5509	106	Khetwadi 10th Lane	Vacant ground for dust-bin.	Health ..
355	2984	83	7281&7282	166	Walkeshwar Road ..	Police chowkey with land.	Building ..
356	3800	641	*Nil.*	82	Tardeo and Arthur Roads.	Do.	Do. ..
357	3881	71, 73, 75, 77, 79, 81, 83, 85, 87, 89	3411	63	Arthur Road ..	Foras tank	Water ..
358	3220	12	7160	115	Ridge Road ..	Metal depôt	Road ..
359	980, 981	1, 2	7495	120	Girgaum Back Road and Kakadwadi.	Girgaum Police Court quarters for European officers at the back of Court.	Building
360	Nil.	144	Nil.	115	Mount Pleasant Road.	Vacant land.	Road ..

Ward D—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
Yearly rent Re. 1 per acre.	1,74,240	174,240·00	1873	Depositing town sweepings.	Used for the same purpose.	....	Leased from Government for 21 years, to be resumed after 6 months' notice; yearly rent Re. 1 per acre. Government Resolution No. 2609/7-5-73
Do. ..	19,998	6,666·00	1878	Metal depôt	Do. ..	Nil.	Same terms as above.
....	2,45,206	245,206·00	1873 & 1877	Depositing town sweepings.	Do. and small garden.	....	Small garden on these flats is in the charge of the Superintendent of Municipal Gardens.
....	21,810	21,810·00	1848	Do. ..	Used for the same purpose.	....	
....	93,755	93,755·00	1888	Do. ..	Do. ..	....	
Yearly rent Re. 1 per acre.	42,715	42,715·00	1878	Do. ..	Do. ..	....	On same terms as for land on Tardeo Flats (*vide* Govt. Reso. No. 2609/7-5-73 No. 6603/8-11-73 of Rev. Dept.)
.....	39,727	39,727·00	1879	Drainage ..	Vacant ..	....	There is no fixed income from this property. The rights of cutting grass are annually sold collectively in the month of May for a term of one year when different amounts are realized.
....	10,762	1631·00	1881	For drainage pipe depôt, &c.	Used for the same purpose.	Nil.	
9514	3,000						
Yearly rent Rs. 105-2-0.	4,005	841·00	....	Metal depôt.	Do. ..	Nil.	Yearly rent of Rs. 105-2-0. Paid by Muty. to Govt.
Got in exchange of another land.	35,160	3,516·00	1885	Do. ..	Do. ..	Nil.	Handed over on 23rd September 1885 in exchange for lease ground near level crossings (*vide* Collector's No. 1638/20-8-85.)
....	26,712	450	....	Do. ..	Do. ..	Nil.	
616	616	41·11	1892	Dust-bin ..	Do. ..	Nil.	
1000	1,493	54·00	....	P. chowki ..	Do. ..	96 per year	
500	660	20·00	....	Do. ..	Vacant ..	Nil.	
....	10,304	5,152·00	1851	Tank ..	Used for the same purpose.	....	
Included in the cost of item No. 244.	11,095	2,219	....	Metal depôt	Do. ..	Nil.	
14,000	48,000	1820·93	1867	Police Court and Police quarters.	Police quarters and Police station ..	1,200 per year.	
250	250	50·00	1885	For street improvement.	Used for Water Tank.	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
361	3786	585	7014	81	Bellasis Bridge, north and west of B. B. & C. I. Ry.	Land for surface drainage works.	Drainage ..
362	3749 (2)	161A	7018	82	Tardeo Road ..	Drinking fountain ..	Water.. ..
363	3050 (3)	64B	7256	166	Walkeshwar Road near Banganga.	Stand-pipe and vacant land lately filled up.	Do. ..
364	692	108	7663	139	Mugbhat Lane ..	Drinking fountain ..	Do. ..
365	3903 (1) 3904 (3)	3 & 4B	3389 & 3401	63	Arthur Road ..	Old railway siding now partly used for passage, partly filled up by town sweepings and partly vacant.	Building ..
366	3880 (1)	57, 59, 61, 63, 65, 67 and 69.	3410	63	Do. ..	Vacant land acquired for Agripada New Road.	Do. ..
367	3879	53, 55	3409	63	Do. ..	Do. Do. ..	Do. ..
368	653 (2)	6A	7499	140	Mugbhat Lane ..	Land for dust bin ..	Health ..
369	1515 (2)	8	8426	140	Chafni Road Garden	Latrines..	Do. ..
370	2400 (1A)	310A	5590	106	Grant Road ..	Urinal	Do. ..
371	2970	63	7279	166	Walkeshwar Road..	Land	Building ..
372	173	578	8037	118	Girgam Road ..	Police chowki	Police ..
373	281 (1)	647	7773	140	Do. ..	Do.	Do. ..
374	3036 (2)	50A	....	....	Banganga ..	Latrines	....
375	3036 (3)	50B	....	....	Do. ..	Do.	....

Ward D—*concluded.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
414	414	829·00	1884	For surface drainage.	Vacant ..	Nil.	There is no fixed income from these properties. The rights of cutting grass are annually sold collectively in the month of May for a term of one year when different amounts are realized
....	150	3·97	....	For fountain.	Used for the same purpose.	Nil.	
....	114	28·27	....	Public use..	For standpipe.	Nil.	
....	130	3·97	....	For fountain.	For the same purpose.	Nil.	
1,05,000	32,022	32,022	....	For town sweepings.	Partly for the same purpose and partly vacant.	Nil.	
25,188	25,188	7,750	1891	For a new road at Agripada.	Leased for cultivation	167 per year.	This amount is apportioned in ratio of Rs. 225 obtained for the total area of 10,439·69 sq. yards which includes another plot in E ward.
17,490	17,490	6,996	1891	Do.	Do. ..	25 Rs. per year.	This amount is apportioned in ratio of Rs. 35 obtained for the total area of 9,748 sq. yards which includes another plot in E ward.
353	353	30·73	1895	Public use.	Used for the samepurpose	Nil.	
4,612	4,612	120·55	1895	Do.	Do. ..	Nil.	Leased from Government for 99 years at Re. 1 for whole ground per year.
493	493	6·22	1895	Do.	Do. ..	Nil	
....	245	30·60	....	....	....	....	
....	1200	39·06	1835	Police chowki.	Used for the samepurpose	60	
....	1500	38·50	1840	Do.	Do. ..	60	
....	....	....	....	....	....	....	Removed.
....	....	....	....	....	....	....	Do.

List of Municipal

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
376	2359 (2)	4A	6996	109	Grant Road, Frere Bridge.	Urinal	Health .. ..
377	41, 42, 803, 804, 805, 806,	211, 213, 26, 28, 125, 133	5743	87, 105	Grant Road, Bapty Road, Trimbak Parashram Street.	Cholera hospital and land..	Health ..
378	260, 621, 625	154, 2, 1	3881	88, 89	Huzria Street, Surti Mohla and Mastan Street.	Puran tank	Water.. ..
379	385 (1)	55	4015	88	Tank Street ..	Land	Building ..
380	537	444	5683	88	Upper Duncan Road.	Urinal	Health ..
381	541	470	6406	88	Do. ..	Fire Brigade Station ..	Fire Brigade ..
382	21	185	..	104	Upper Duncan and Grant Roads.	Tank and vacant ground..	Water ..
383	589 (2)	(1)	..	77	Upper Duncan Road.	Fountain (Cursedji Manekji Memorial).	Do. ..
384	669, 670	11, 13	4144	88	Streets between Tank Street and Upper Duncan Road.	Vacant land used as metal depôt	Road .. ..
385	792 (2)	24	..	87	Bapty Road ..	Drinking water stand ..	Water.. ..
386	786 to 92 (1), 793, 794, 813 (1), (2), (3), 814-19, 820, 821, 822, 825, 831, 832, 835, 843, 844.	24 to 84, 90 (1), 1, 2, 3, 4, 9, 10, 11, 12, 164, 4, 5, 3, 6, 7.	5743 and 5745	86, 87	Bapty Road and Trimbak Parshram Street.	(a) Drainage Inspector's office and land, (b) milch-cattle stables, chawls, water tank latrines.	Drainage and Health.
387	861-862, 1445-46, 1540, 1665 (1) & 1666.	63, 65, 169, 171, 173, 111, 98, 102.	6294	86, 87	Suklaji Street, 5th, 6th, and 7th Kamatipura Streets.	Night-soil depôt, bullock sheds, latrines, land and urinal.	Health ..
388	1841-45, 1878-79.	1, 1, 2, 3, 4, 4, 2.	6376 and 6360	87, 88	10th Kamatipura St.	Health Department stables and land.	Do. ..
389	2231	40, 42	6070	87	Kamatipura Centre Street.	Dipping well & stand-pipe	Water.. ..
390	2361-66	8 (1, 2, 3, 4, 5)	6946	86, 106	Suklaji Street ..	Sweepers' barracks ..	Health ..
391	24 24	120	6928	86	Do. ..	Water drinking fountain..	Water.. ..
392	2934, 2569-70	515, 108, 517	6934	85	Falkland and Foras Roads.	Land and Police chowki ..	Engineer ..
393	2757	28	2 / 6995	84	Glider Street ..	Glider tank	Water ..
394	2913-1918	92, 102	6932	85, 86	Foras Road ..	Foras tank depôt ground and market, Drainage Chief Inspector's office.	Road Dept., Supdt. of Markets and S. H., Drge. Dept.
395	3058-59	185 (1)	....	85	Do.	Gardens (Falkland Road and malis' sheds).	Supdt. of Municipal Gardens.
396	3060-61	187, 189	6976	85	Do. Junction of Falkland Road.	Crawford fountain and stand-pipe.	Water ..
397	2616, 2688 to 2690.	424, 436, 46, 50	6975	85	Falkland Road and Balaram Street.	R. J. J.'s Dharamsala ..	Health ..
398	3439 to 3438, & 3440, 3448 (2), & 3564 (1 to 3).	325 (1 to 8), 910, 910A, 910B.	3690	76, 77	Shepherd and Parel Roads.	Police Office, Fire Brigade Station, quarters, stables, sheds, godowns, latrines, &c.	Building ..
399	4229 (1), (2), (3), 4230 (1), 4273 (1), 4274, 8801.	1, 1A, (2 to 6)	3589	65	Haines Road (Agripada).	(a) Ward Office .. (b) Temporary chowki.. (c) Land .. .. (d) Health Department stables, Sankli or Byculla Tank. (e) Fire Brigade Station.	(a) Assessment (b) Building (c) H. & Road (d) Do.

Properties—Ward E.

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs	Sq. yds.				Rs.	
905	905	..	1893	Public purpose.	Used for the same purpose.	Nil.	
416	9,100	2,095·66	1884	Cholera Hospital	Do. ..	....	Leased from Government for 21 years from 1st May 1884; yearly rent Rs. 98-7-6.
4,800	31,700	4,597·66	G. P. 1854	Public purpose and tank.	Do. ..	Nil.	
3,555	39,300	3,034·86	Do.	Do. ..	Tank filled up and portion used for a road.	Nil.	
..	120	1·66	....	Public purpose.	Used for the same purpose.	Nil.	
1,000	1,500	62·61	....	Fire Brigade ..	Let out ..	12 per month	Vacated by F. B. on 1st June 1895.
..	6,400	169·63	1854	Public purpose.	Used for the same purpose.	Nil.	
..	60,000	55·00	1854 & 1868	Do. as well	Filled up and memorial fountain erected.	Nil.	
1,978	4,000	395·777	....	Metal depôt ..	Used for the same purpose.	Nil.	
..	25	....	....	Public purpose..	Do. ..	Nil.	
1,10,000	42,100	12,925·00	1869	Health Dept. ..	Do. ..	....	Leased from Government for 50 years from 1st January 1866; yearly rent Rs. 100.
20,000	6,29,000	4,260·00	....	Night-soil depôt.	Do. ..	Nil.	
15,000	33,000	2,417·00	....	Health Dept. stable & office.	Do. ..	Nil.	
50	800	39·54	....	Public purpose.	Do. ..	Nil.	
18,000	1,19,800	3,602·00	....	Erecting barracks.	Do. ..	....	
..	50	....	....	Public purpose..	Do. ..	Nil.	
Act VI of 1857.	6,100	1,372·74	Act VI of 1859	Road	Police chowki and vacant land.	....	Valuation is decreased as drainage chowki is removed.
1,000	24,000	8,865·55	1854	Public purpose.	Used for the same purpose.	Nil.	
58,650	1,31,000	18,149·56	Act VI of 1851	Do. ..	Road, Drainage, Building Departments and Market.	630-6-0	Increased owing to the Drainage Chief Inspector's Office (new) and Market.
6,755	1,63,000	2,042·00	1851	Do. ..	Garden ..	Nil.	
1,000	1,15,000	1,925·16	1851	Do. ..	Fountain ..	Nil.	
	..	..	....	....	Stand-pipe and vacant ground	....	
..	41,300	2,690·22	1851	Public purpose..	Dharamsala ..	Nil.	
1,76,000	1,92,896	18,537·27	....	Metal depôt ..	Police office ..	....	Land made over for the erection of Police quarters, but Govt. retaining ownership of land.
Nil.	24,800	30,011·27	1854	Public purpose.	Ward offices, stables, Fire Brigade Station, &c., and vacant ground.	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
400	4306, 4307, 4330, 4331 (1), (2), (3), 4347.	1, 2, 25, 26, 1, 2, 42.	3476	65	Haines Road (Agripada).	Milch-cattle stables, chawls, latrines, land.	Health ..
401	4599-4600	595, 597	3671	89, 90	Parel Road ..	Dicks'garden, fountain, and (*a*) latrine.	Supdt. of Municipal Gardens. (*a*) Health.
402	7021, 4816	2, 57	..	73	Mazagon Road ..	Drinking fountain (Well)..	Water ..
403	4817-19 & 1482, (1), (2), 4828-30	61, 59, 63, 37, 67A, 71, 75, 73, 77.	3607	73	Do. ..	Depôt ground with iron tanks, depôt, Mukadam's chowki, latrines and Police chowki.	Road & Health..
404	4982	69	3710	66	Do. Narelwadi.	Drinking fountain (Well).	Water ..
405	5082-83	61 (1)	3456 & 3459	94	D'Lima Street ..	Do. (Well) and land	Do. ..
406	5179	45	3525	71	Gunpowder Road ..	Nowghur Tank	Do. ..
407	5666 (1, 2, 3), 5636 (1), (2)	28, 28A, 28B, 1 & 10	2597	72, 73, 92, 93	Belvedere Hill Road.	John Hay Grant Reservoir and Inspector's chowki and shed.	Do. ..
408	5705	57	..	71	Dockyard Road ..	Fountain, Captain Henry memorial.	Do. ..
409	5706 (1-3)	59, 61, 1, 1A	3475	71	Do. ..	(*a*) Pedder Market .. (*b*) Fire Brigade Station. (*c*) Latrines	(*a*) Supdt. of Markets & S. H. (*b*) Fire Brigade. (*c*) Health ..
410	5707	63	3476	71	Do. ..	Well	Water.. ..
411	5751 (2)	97	3191	70	Do. Pier..	Drinking fountain ..	Do. .. ..
412	5760	7	3596	72	Do. ..	Well (Gunbow well) ..	Do. .. ..
413	5931	51	3696	67	Matharpacadi ..	Well	Health ..
414	5933	53	3695	67	Do. Oart..	Drinking fountain ..	Water.. ..
415	6757, 6863-6864.	3, 1, 3	3352 & 3354, 3353	71	Chiman Rupji Street and Nabab Tank Street.	(*a*) Nabab tank. (*b*) Land	(*a*) Water .. (*b*) Road ..
416	6775	11	3296	94	Hospital Lane ..	Police hospital	Building ..
417	6869	9	3366	71	Nabab Tank Street.	Nanabhoy tank	Water.. ..
418	7082 (1)	153	~~3454~~	65	Haines Road ..	Foras tank filled in; land..	Health & Road..
419	7095 (2)	(1)	3470	65	D'Lisle Road ..	Land over the drain west of G. I. P. Ry.	Health ..
420	7255-63 & 7396	146, 152 (1), 154A, 158 (1), 68, 70	3448, 3446	65, 67	Do. and Clerk Road.	Water Works Supdt.'s quarters, office, Storekeeper's quarters, chawls & land.	Water.. ..
421	7286-87	210, 212	3431	57	D'Lisle Road ..	Sheep markets .. .	Supdt. of Markets and S. Houses.
422	7285	208	3430	57	Do. ..	Foras tank filled in; land under cultivation.	Health ..
423	7320 to 7335	191 to 221	3426	57	Arthur Road ..	Small-pox hospital; vacant land.	Do. ..
424	7400	82	3602	65	Clerk and Parel Rds.	Dipping well	Water.. .
425	7098-99, 7398, 7397 (1) and 7396.	19, 21, 68 to 76	3445, 3446 & 3469	65	DeLisle and Clerk Roads.	Water Works pipe depôt ..	Do. .. ..
426	7475-77	69, 73	3621	56	Parel Road ..	New Fire Brigade Station.	Fire Brigade ..
427	4572 (2)	27A	3417	64	Arthur and Haines Roads.	Fountain (Jacob Memorial) and cattle trough.	Water.. ..
428	7805	43	3714	66	Ghorupdeo Road ..	Drinking fountain ..	Do. .. ..
429	7930	109	3719	56	Do. .	Do. opposite Sassoon Mill.	Do. .. ..
430	8188 (1)	31, 33	3631	56	Chinchpoogli Road..	Health Dept. Stables and Ward Office.	Health ..
431	7438 (4), 7439 (1), 7440-42, 7444 (1-3), 7813 (2)	200, 31, 33 (1, 2 and 5), 5A and 58 8A	3644 & 3650	65, 66, 57	Parel Road and Ghorupdeo Road.	Victoria Garden	Supdt. of Municipal Gardens.
					Do. ..	Do. extension	
			3722	56	Ghorupdeo Road ..	Dipping well opposite Kaiser-i-Hind Mills.	Water ..

Ward E—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
28,000	23,800	3,514·10	....	....	Used for milch cattle stables, &c.	....	
..	31,300	27·40	....	Garden ..	Used for the same purpose.	Nil.	
..	248	61·27	....	Public use ..	Do. ..	Nil.	
2,005	5,450	731·33	....	....	Depôt, ground latrines, tank, & Police chawls.	....	
..	250	8·72	....	Public use ..	Used for the same purpose.	Nil.	
..	2,000	173·77	1854	Do. ..	Do. ..	Nil.	
267	5,800	1,535·23	1854	Do. ..	To be filled in and used for constructing road.	Nil.	
54,115	10,65,540 & 125,000	18,720·20	....	For reservoir ..	Used for the same purpose.	Nil.	Revenue from grass and tapping trees about Rs. 44 per annum.
..	2,000	..	....	....	....	Nil.	
62,411	35,600	3,962·00	1898	Market .. Fire Brigade. Public use ..	Used for the same purpose	1,221	Leased from Government for 99 years; yearly rent Rs. 185.
..	900	56·70	....	Public use ..	Do. ..	Nil.	
..	50	..	....	Do. ..	Do. ..	Nil.	
50	1,000	73·28	1854	Do. ..	Do. ..	Nil.	
50	1,000	35·00	1854	Do. ..	Do. ..	Nil.	
..	250	17·01	....	Do. ..	Do. ..	Nil.	
500	25,000	3,283·80	1854	Do. ..	Do. ..	Nil.	
4,000	10,000	3,960·00	....	....	....	60 permonth	
100	4,000	520·38	....	....	....	....	
..	66,000	16,666·66	Act VI of 1851	Road Branch ..	To be filled in & portion used as depôt ground.	....	Maintained by Police.
1,212	2,400	1,212·00	....	....	....	....	
39,094	1,19,000	17,328·60	....	Water Branch ..	Used for the same purpose.	....	
32,448	21,000	2,481·00	....	Market ..	Do. ..	4,830	
16,864	22,400	11,225·00	Act VI, 1851	Road Branch ..	Being filled in and used for cultivation.	....	
62,462	2,29,200	59,941·00	1875	....	Used for the same purpose.	....	
..	50	78·54	....	Public use ..	Do. ..	Nil.	
..	8,000	1,945·00	....	Water Branch..	Do. ..	Nil.	
..	34,000	1,442·50	....	Fire Brigade ..	Do.	....	Value will be increased owing to addition.
..	18,000	..	Act VI, 1851	Road ..	Used for the same purpose.	Nil.	
..	350	..	....	Public purpose.	Do. ..	Nil.	
..	350	46·11	....	Do.	Do. ..	Nil.	
3,000	6,600	736·00	....	Health ..	Do. ..	....	
2,11,784	12,27,800	156,254·00	1866	Public Garden..	Do. ..	7,000	Museum handed 9th Nov. 1885—Govt. Reso. General Dept., W. 3287 of 29th Aug. 1885, 60,300 square yards area added from the ground purchased for extension.
..	..	5½	1854	Public use ..	Do.	Nil.	

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
432	7458, 7446-47 (1-2), 7448 (1-2), 7464, 7466 (1) (2), 7445 (1) (2), 7447 (1), 7448 (3 & 4) 7462-63, 7465, 8112, 8122, 7710-11.	12, 13, 1 to 11, 37 to 47, 3 &, 7, 6, 4 & 5, 35 A, 2B, 3B, 3C, 1 & 11	3635, 3632, 3636, 3637 and 3642	66, 57	Victoria Garden, Lane, Sussex Road, Connaught Road.	Victoria Extension ..	Supdt., Municipal Gardens, also Building.
433	896-97	84 to 36	5689	87, 88	Stable Street ..	Vacant land	Health ..
434	960 (1)	89	6381	87	Kamathipura Bazar Road.	Dipping well with cattle-trough near Hindu temple	Water ..
435	911	64	6379	87, 88	Stable Street ..	Tank (filled in); land ..	Health ..
436	1000	207	6433	78	Kamathipura Bazar Road.	Dipping well (near Dharmsala with cattle-troughs).	Water ..
437	1064 (2)	85A	5794	78	1st Kamathipura St.	Vacant land for latrines; dust-bin carts.	Health ..
438	3419 (2)	285A	3520	80, 81	Bellasis Bridge (north of) & east of B. B. & C. I. Ry. Lines.	For drainage works ..	Drainage ..
439	5881 (1)	2	3695	66	Matharpakady Village.	Matharpakady tank ..	Health ..
440	2571	521	6912	85	Falkland Road ..	Jadheoji Ragowji cattle-troughs.	Water ..
441	2735	93, 9	6913	84	Falkland Road and Gilder Street.	Six-chambered latrines and urinals.	Health ..
442	7031 (1), 7031 (1A)	1, 1b	6604	65	Haines Road ..	Latrines and urinals ..	Do. ..
443	44 (2)	1a	3712	103	Shaik Buden Street..	Urinal	Do. ..
444	224 (2)	213a	3877	89	Huzaria Street. ..	Do.	Do. ..
445	615 (2)	3a	401	88	Surti Mohola ..	Do.	Do. ..
446	7399 (2)	78a	3444	65	Clerk Road ..	Do.	Do. ..
447	4257 (5)	4	1 / 3479	63	Agripada	Vacant land	Building ..
448	7203 to 7206	18 & 21	1 / 3455, 1 / 3456	65	Do.	Do. house with shops.	Do. ..
449	4544, 4547, 4548, 4264,	33, 37 & 36	3460	64 & 65	Do.	Vacant land	Do. ..
450	4520, 4535, 4543, 4263	9, 24, 32, 35	..	64 & 65	Do.	Do.	Do. ..
451	4567	56 & 53	3479, 3480	65	Do.	Do.	Do. ..
452	3935-36, 4564, 4257 (2) (3) (4) (6), 4258 to 4263, 4352, 4353 (1) (2), 4354, 4355	27, 29 to 36, 122, 123, 23, 25&35, 1, 2, 3, 5, 30 to 34 (1), 3, 4	1 / 3481, 1 / 3446, 3479	65	Do.	Do.	Do. ..
453	4257 (2)	1 to 4	..	65	Do.	Do.	Do. ..
	4427-28, 4090, 4091, 4094 (1) (2), 4095 to 4099, 4101 to 4108, 4145, 4146	260, 277, 278, 280, 281, 1, 282 to 295, 63 & 41, 65	3498	64	Do.	Do.	Do. ..
454	4430 (1)	290	3499	64	Do.	Do.	Do. ..
455	6292 (2)	9a	3708	67	Tank Bander, Narelwadi.	Latrine	Health ..
456	7896 (2)	91a	3724	67	Ghorupdeo Road ..	Do.	Do. ..
457	801 (2)	275a	5740	105	Northbrook Street..	Urinal	Do. ..
458	807 (2)	133a	5743	105	Trimback Parashram Street.	Do.	Do. ..
459	829 (2)	2a	5747	106 & 86	Cursetji Suklaji St..	Do.	Do. ..
460	2359 (2)	4a	6996	109	Grant Rd. Cross Lane	Do.	Do. ..
461	2880 (2)	21A	6931	86	Jairajbhai Street ..	Do.	Do. ..
462	2823 (2)	122A	2 / 7010	89	Bellasis Junction Rd.	Drinking fountain ..	Water ..
463	628 (2)	1A	3881	80	Bellasis Road near Bridge Mustan Tank.	Do.	Do. ..
464	5042 (2)	80A	3665	66	Mount Road near Agakhan's Tomb.	Do.	Do. ..

Ward E—*continued.*

Original Cost.	Present estimated Cost.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
..	2,09,100	125,763·00	1890	For road and garden and frontages.	Used for the same purpose.	....	
..	2,200	223·70	....	Health ..	Do. ..	Nil.	
50	250	7·06	....	Public use ..	Do. ..	Nil.	
444	20,000	2,095·22	....	Do.	Filled in and lying vacant.	Nil.	
50	1,300	90·22	....	Do.	Used for the same purpose.	Nil.	
..	1,350	135·33	....	Vacant ground & dust-bin carts.	Do. ..	....	
815	8,200	1,631·00	....	....	Used for the same purpose.	Nil.	There is no fixed income from these properties. The rights of cutting grass are annually sold.
..	2,500	978·50	1854	Public use ..	Do. ..	Nil.	
..	900	31·00	1878	Do.	Do. ..	Nil.	
150	3,700	193·67	....	Road ..	Do. ..	Nil.	
..	1,560	..	....	Public use ..	Do. ..	Nil.	
..	480	..	....	Do. ..	Do. ..	Nil.	
..	120	..	....	Do. ..	Do. ..	Nil.	
..	360	..	....	Do. ..	Do. ..	Nil.	
..	720	..	....	Do. ..	Do. ..	Nil.	
24,370	24,370	9,748·00	1891	Road and frontages.	Used for cultivation.	....	
26,700	26,700	8,975·00	1892	Do. ..	Do. ..	....	
9,255	9,200	2,468·00	1893	Do. ..	Do. ..	....	
..	13,000	..	....	....	Do. ..	....	
62,088	62,000	17,739·60	1892	....	Do. ..	....	
58,204	58,200	16,482·48	1893	....	Do. ..	....	
44,893	44,893	105·60	1893-94	....	Do. ..	....	
1,73,124	1,73,100	57,708·00	1893	....	Do. ..	....	
7,47,489	7,47,500	249,163·00	1893	....	....	....	
..	500	24·11	....	....	Used for the same purpose.	Nil.	
	500	19·84	....	....	Do. ..	Nil.	
..	120	..	....	Road	Do. ..	....	
..	25	..	....	....	....	....	
..	925	..	1893	....	....	....	
..	750	..	....	....	....	....	
..	110	..	1894	Road	Used for the same purpose.	Nil.	
111	100	..	....	....	....	....	
..	50	..	....	....	....	....	
..	100	..	....	....	....	...	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
465	2121 (2)	77A	6439	78	14th Kamatipura St..	Stand-pipe	Water.. ..
466	3525 (2)	1A	3696	89	Parel Road ..	Do. (not in use at present).	Do. .. ..
467	7813 (2)	8A	3715	67	Tank Bunder, Koliwada.	Do.	Do. .. ..
468	7042 (3)	87B	3461	65	Junction of Haines and D'Lisle Roads.	Do.	Do. .. ..
469	7031 (1B)	1C	3604	65	Haines Road near Byculla Bridge.	Fountain & cattle-trough	Do. .. ..
470	2331	299	6989	108	Grant Road ..	Stand-pipe & cattle-trough	Do. .. .
471	6302 (1)	19	3708	67	Tank Bandar Road..	Do. do. ..	Do. .. ..
472	4457-59 4066-67	253, 255 99 to 107 111-113, 254	1/3533 1c/3508	64	Ripon Road ..	Vacant ground	Building ..
				64	Arthur Road ..	Do.	Do. ..
473	4072 to 4074	259 to 261	1/3531	64	Ripon Road ..	Do.	Do. ..
474	3800	2, 3	1/3588	65	Sankli Street ..	Fire Brigade station ..	Fire Brigade ..
475	6957	10	1/3232	70	Mazagon, Koliwada.	Vacant ground ..	Drainage ..
476	4566	5	1/3186 2 A/3487	65	Agripada, Haines Rd.	Do.	Building ..
477	4467	9	3503	64	Arthur Road ..	Do.	Do. ..
478	6348	25	3732	67	Tank Bandar, Hindu Burning and Burial-Ground.	Burning and burial-ground	Health ..
479	3423	4	3516	63	Bellasis Road ..	Vacant land	Building ..
480	3424	5	1/3515	63	Do. ..	Do.	Do. ..
481	1665 (2)	100	6294	87	Kamatipura 7th St..	Latrines..	Health ..
482	1838 (2)	86 A	6805	87	Do. 9th ..	Urinal and Latrines ..	Do. ..
483	5182	51, 53, 124	3523	71	Junction of Gunpowder and Coppersmith Streets	House..	Building Dept..
484	5308	116,118,120	3522	71	Do. ..	Do.	Do. ..
485	5180, 5181	47,49	3524	71	Gunpowder Road ..	Land, Building and Well..	Do. ..
486	5307	112,114	3522	71	Coppersmith Street	House	Do. ..
487	5305 5306	106 to 110 and 1	3521	71	Do. ..	Do.	Do. ..
488	5320	11	3520	71	Do. ..	Do.	Do. ..
489	5325	16	3536	71	Coppersmith Cart near Nowghur Tank	Do.	Do. ..
490	5326	17	3535	71	Do. do. ..	Do.	Do. ..
491	5368	54	3537	71	Do. do. ..	Do.	Do. .
492	5367	53	3548	71	Do. do, ..	Do.	Do. ..
493	5369	55	3538	71	Coppersmith Cart..	Do.	Do. ..
494	5370	56	3539	71	Do. ..	Do.	Do. ..
495	5363	49	3540	71	Do. ..	Do.	Do.
496	5371, 5372	57, 58	3542	71	Do. ..	Do.	Do. ..
497	5362	48	3541	71	Do. ..	Do.	Do. ..
498	5373	59	3543	71	Do. ..	Do.	Do. ..
499	5378	64	3577	71	Do. ..	Do.	Do. ..
500	5379	65	3578	71	Do. ..	Do.	Do. ..
501	5380	66	3579	71	Do. ..	House and Well	Do. ..
502	81, 5382 and 5383	67, 68, 69	3580	71	Do. ..	Do.	Health ..
503	3882	69	..	..	Ripon Road ..	Land	Building ..
504	3736 (4)	5	..	..	Do. ..	Do.	

Ward E—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
..	50	..	....	....	....	....	
..	25	..	....	....	....	....	
..	50	9·17	....	Public use ..	....	...	
..	50	..	....	Road	....	...	
..	300	..	....	....	....	....	
..	150	2·57	....	Public use ..	....	....	
..	400	14·44	....	Do. ..	Used for the same purpose.	....	
7,746	77,745	21,447·08	1893	Road and frontages.	Do. ..	....	
31,461	31,461	8,678·25	1893	....	....	....	
18,518	18,315	6,105	1893	....	....	....	
29,333	29,587	1,859·04	1893	Fire Brigade ..	Used for the same purpose.	....	
933	733	123·00	1894	Public use ..	Do.	....	
27,991	27,991	6,893·00	1894	New Road ..	Cultivation ..	....	
..	1,116	558·33	1894	Do.	Do.	....	
..	1,52,000	8,058·13	1888	Burial ground..	Used for the same purpose.	Nil.	
6,880	6,880	2,752·00	1892	Rd. & frontages	Do. ..	....	
5,379	5,371	2,689·69	1894	....	....	....	
1,500 2,000	3,000	45 50	....	Public use ..	Used for the same purpose.	Nil.	Rs. 2,000 were spent in 1896 for remodelling.
..	6,090	94	1-2-96	For the Reay Road and its frontages.	Used for the same purpose	Nil.	Building has been pulled down.
..	2,750	68⅔	26-3-96	Do. ..	Do. ..	Nil.	Do. do.
..	7,500	337½	26-3-96	Do. ..	Do. ..	Nil.	Do. do.
..	12,200	192	17-4-96	Do. ..	Do. ..	Nil.	Do. do.
..	5,175	216	9-11-96	Do. ..	Do. ..	Nil.	A portion of the building has been pulled down.
..	1,000	55-86	3-11-96	Do. ..	Do. ..	Nil.	Building has been pulled down.
..	4,500	138	7-1-96	Do. ..	Do. ..	Nil.	Do. do.
..	4 000	120	11-2-95	Do. ..	Do. ..	Nil.	Do. do.
..	5,000	82	24-7-95	Do. ..	Do. ..	Nil.	Do. do.
..	8,450	127½	23-5-96	Do. ..	Do. ..	Nil.	Do. do.
..	69,194	113⅙	18-12-96	Do. ..	Do. ..	Nil.	
..	2,000	107⅙	10-8-96	Do. ..	Do. ..	Nil.	Do. do.
..	1,836	48	2-11-96	Do. ..	Do. ..	Nil.	Do. do.
..	1,930	90⅔	4-11-95	Do. ..	Do. ..	Nil.	Do. do.
..	7,974	78	26-6-96	Do. ..	Do. ..	Nil.	Do. do.
..	2,500	81⅔	10-10-96	Do. ..	Do. ..	Nil.	Do. do.
..	4,000	138⅙	19-12-95	Do. ..	Do. ..	Nil.	Do. do.
..	2,200	88	26-6-96	Do. ..	Do. ..	Nil.	Do. do.
..	6 000	108⅓	20-12-95	Do. ..	Do. ..	Nil.	Do. do.
..	2,700	419	23-5-96	Do. ..	Do. ..	Nil.	Do. do.
..	231	33	....	Public ..	Do. ..	Nil.	For keeping a dust-bin cart.
..	126	18	....	Road ..	Do. ..	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
505	5099-92	34, 36, (1), 38			Coppersmith Road	House with Stable ..	Building ..
506	5302	96			Do. ..	Well	Do. ..
507	5326	17			Do. ..	Land	Do. ..
508	5368	54	3591	71	Do. ..	House	Do. ..
519	5377	63			Do. ..	Well	Do. ..
510	5761	12 and 16			Dockyard Road ..	House	Do. ..
511	5762	18			Do. ..	Do.	Do. ..
512	5146, 5147	1 and 2	3597	71	D'Lima Street ..	Houses and Land ..	Do. ..
513	5098	3	3598	93 & 94	West of D'Lima Street.	House	Do. ..
514	5097	1	3598	93	Do. ..	Old plinth and land ..	Do. ..
515	5093	2	3598	93	Do. ..	House	Do. ..
516	5090	3	3599	93	D'Lima Street ..	Land and Buildings ..	Do. ..
517	5091	4					
518	1, 2 / 4933	54, 54 (a)	3710	66 & 67	Narialwady near Mount Road ..	Land, Agiari and out-houses.	Do. ..
519	6311 (1)	28	3708	67	Tank Bandar Road.	Land	Do. ..
520	6311 (2)	28 (a)					
521	7082 (1a)	153 A	3454	65	Haines Road ..	Chowki	Road Dept. ..
522	7399 (2)	78 A	3444	65	Do. ..	Urinal and Latrines ..	Health ..
523	7097 (4d)	1 A	3470	65	DeLisle Road ..	Do.	Do. ..
524	7154-55	143 and 145	3436	67	Do. ..	Land	Do. ..
525	7280-84, 7289 & 7300	198, 200, 202, 204, 206, 214 and 236	3427, 3430 3426	67	Do. ..	Do.	Do. ..
526	6957	4	3232	70	Mazagon, Kolliwada.	Latrine	Do. ..
527	....	3943	3482	63, 64, 65, 80 & 81	Agripada	Land	Drainage ..
528	8537 (1)	444	5,683	104	Junction of Bellasis Road with Duncan Road.	Urinal	Health ..
529	4864 to 4871 (1-6)	25-27	3709	66-67	Mount Road ..	Jewish Burial Ground ..	Building ..
530	4982	69	..	..	Do. ..	Well ..	Water Works ..
531	5876	102	..	..	Matarpacady ..	Vacant land with a stand-pipe.	Do. ..
532	916 (2)	78A	..	..	Stable Street ..	Urinal	Drainage ..
533	5760	7	..	..	Dock Yard Road ..	Well	Water Works ..
534	7207 (1)	90-92	3466	65	D'Lisle Road ..	Land	Building ..
	7207 (2)	(1)					
	7208 (1)	(1)					

Ward E—*concluded.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
} ..	60,000	7,482	22-2-95	For Reay Road and its frontages.	Rented ..	Rs. 70 per month from 1-10-96.	
					Rented ..	Vacated. Rs. 40 per month.	This building will be shortly pulled down,
..	17,053	737·50	2-12-96	Do. ..	Used for the same purpose.	Nil.	Buildings are being pulled down.
..	13,788	689	2-12-96	Do. ..	Do. ..	Nil.	Building has been pulled down.
..	1,669	271	12-8-96	Do. ..	Do. ..	Nil.	Do.
..	8,115	257	12-9-96	Do. ..	Do. ..	Nil.	Buildings are pulled down.
..	25,000	1649	26-4-95	Do. ..	Rented ..	Rs. 75 per month but nil from 1-12-96	
..	30,000	3,040·20	7-12-96	Victoria Road extension.	Used for the same purpose.	Nil.	
..	1,64,000	32,799·95	31-3-96	Burial Ground for Mahomedans & Jews.	Do. ..	Nil.	
40	80	3·25	1894	Public use ..	Used for the same purpose.	Nil.	
480	489	9	1895	Do.	Do.	Nil.	
3,000	1,500	3·50	1891	Do.	Do.	Nil.	
..	..	147·35	....	....	....	Rs. 1,480 per year.	For cultivation.
..	..						
3,498	3,498	136	1895	Public use ..	Used for the same purpose.	Nil.	
23,163	23,163	7,721	1893	Do. ..	....	....	There is no fixed income from these properties. The rights of cutting grass are annually sold collectively in the month of May for a term of one year when different amounts are realized.
864	860	..	1894	Do. ..	Do. ..	Nil.	
1,20,000	1,20,000	28,496	10-4-97	Burial ground..	....	Nil.	
..	..	80	1854	Public ..	For the same purpose.	Nil.	Filled in and fountain erected.
..	..	241	1854	Do. ..		Nil.	
..	..	1½	....	Do. ..		...	
..	..	362	1854	Do. ..		Nil.	
24,072·15	..	5,195·75	9-9-95				

List of Municipal

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
535	84	602	2515	50	Parel Road	Photometer house ..	Lighting ..
536	358 (1)	115	3/2598	41	Elphinstone Road ..	Land for market ..	Road ..
537	518, to 520, 515 (1-2) (3)	148, (148 A, 148B) 151, 152, 153	3,8,59,6/2001	30, 31	Dadar Road ..	F and G Ward stables and Inspectors' Offices.	Health ..
538	536, 537	169, 170	1(a)/2008	31	Do. ..	Ward Offices	Assessment and Road.
539	831 (1)	191	2088	31	Naigam Cross Road.	Naigam Tank	Water ..
540	831 (3)	191-B	2088	31	Naigam Cross Road.	Fire Brigade station ..	Chief of Fire Brigade.
541	1080	8	2403	56	Parel Tank Road towards Kalachouki Road.	Dipping well	Water ..
542	1081	9	2403	56	Do. (close to the above).	Stand-pipe (for low castes.)	Do. ..
543	1143	71	2425	51	Golanji Hill Road ..	Public latrines	Health ..
544	2543	1237	2488	40	Parel Village ..	Well	Water ..
545	2619	1313	2488	40	Do.	Do.	Do. ..
546	2629	1323	66/2488	40	Do.	Land	Building ..
547	1441	135	10/2123	40	Bhoiwada, Parel, Thakorwadi.	Dipping well and cattle-trough.	Water .. ..
548	1906 (3)	600-B	2206	32	Naigam Road ..	Fountain with cattle-trough	Do. .. ..
549	2385	1079	25/2278	39	Sevri Road (Dhakti)	Stand-pipe and cattle-trough.	Do. .. ..
550	2750	1444	22/2488	51	Parel Back Road Village.	Dipping well	Do. .. ..
551	2845 (2)	66-A	2345	38	Sevri Fort Road ..	Tank	Do. .. ..
552	4528(2), 4529(2)	1769A, 1770A	1/1104, 2/1104	21, 38	Matunga Road ..	Land, Lepers' Home, Chapel House.	Health ..
553	4877	2118	983	21	Gowari	Tank	Water ..

Properties—Ward F.

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
1,000	1,900	182·28	1878	Photometer house.	Used for the same purpose.	Nil.	
1,698	9,500	2,732·00	G. R. Nos. 4351 26-8-75, 4683 14-7-88	For Market.	Depôt Road Branch.	Nil.	
9,801	72,968	8,554·00	Collector's No. 227 29-1-89	For F and G Ward stables.	Used for the same purpose.	Nil.	
16,144	10,100	978·68	1888	Assessment & Engineer's Dept. Ward Offices.	Do.	Nil.	
8,024	44,300	32,404·88	Government Proclamation of 1854.	Public use.	Do.	200	Right for fishing and vegetables for one year sold. A portion of the tank measuring 829·71 sq. yds. has been reclaimed, and a building for the Fire Brigade station has been built over it.
8,098	8,098	829·71	1895	Fire Brigade station.	Do.		
50	800	17·10	....	For dipping well.	Do.	Nil.	Converted into a stand-pipe by putting taps to parapet wall.
....	180	14·67	....	For stand-pipe.	Do.	Nil.	
150	1,700	341·00	....	For public latrine.	Do.	Nil.	
50	560	100·88	....	For well ..	Do.	Nil.	
50	230	24·34	....	Do. ..	Do.	Nil.	Converted into a stand-pipe by putting taps to parapet wall.
....	100	68·41	....	Do. ..	Lying vacant.	Nil.	Formerly there was a well which has been reclaimed by the Water Works Dept.
50	280	22·34	....	For dipping well and cattle-trough.	For the same purpose.	Nil.	
....	850	15·11	....	For fountain with cattle-trough.	Do. ..	Nil.	Gift from Dr. Batliwalla.
....	1,600	50·28	....	For stand-pipe and cattle-trough.	Do. ..	Nil.	
....	190	19·63	....	For dipping well.	Do. ..	Nil.	Converted into a stand-pipe by putting taps to parapet wall.
564	2,900	2,032·88	Government Proclamation of 1854.	For tank ..	Do. ..	Nil.	
10,988	16,900	33,880·00	G.R. No. 1635 of 2-7-70.	Burial ground.	Do. ..	....	
1056	3,000	4,451·78	Government Proclamation of 1854	Public use..	For the same purpose.	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
554	5188	2429	939	21	Matunga	Futka tank and well ..	Water ..
555	5845	3086	644	15	Seo Road, south-east of Agarwada.	Satgar tank	Do. ..
556	6065	3306	1/585	6	Do. do. ..	Land, dipping well with cattle-troughs.	Do. ..
557	6940 (2)	407 A	1182	32	Matunga Road near Vithoba Temple.	Fountain with cattle-trough.	Do. ..
558	7064, 7061 (1)	631 628	1/887, 2/887	22	Matunga Maharwada	Maharwada tank and land.	Do. ..
559	7062-63	629, 630	3/887, 6/887	22	Do. ..	Low-caste Hindoo burial-ground.	Health ..
560	7798	1865	2/922	21	Matunga Road ..	Dipping well	Water ..
561	6079	13320	544	6	Sion Road ..	Night-soil Depôt and latrines.	Health ..
562	7997 (1), 8000	1564, 1567	781 782	13, 14	Do. ..	R. C. Cemetery	Do. ..
563	3182 (2)	423 A	2318	39	Sewri Road ..	Land for latrines ..	Do. ..
564	6322	3563	623	15	Sion Agerwada ..	Kalay tank	Water ..
565	1513	207	2115	40	Bholwada, Bamnoli.	Land for Night-soil Depôt.	Health .
566	743 (1)	103	2031	31, 49	Dadar Road ..	Chawl, &c.	Building ..
567	7925 (2)	A 1492	802	14	Sion Road	Well and land . ..	Water ..
568	3802	843	2160	32	Wadala Village ..	Dipping well	Do. ..
569	8707 (2)	948A	4/2157	32	Matunga Road ..	Do. with corner ..	Do. ..
570	4009	1250	1059	20	Antop Hill (Matunga).	Jewish Prostitute burial-ground.	Health ..
571	2478 (3)	1172 B	2485	51	Parel Tank and Golanji Hill Roads Junction.	Stand-pipe	Water ..
572	2839 (2)	80 A	2347	32	Sewri, Kolwada ..	Do.	Do. ..
573	2127 (2)	821 A	2191	32	Sewri Cross Road ..	Do.	Do. ..
574	162 (2)	110 A	2605	41	Suparibag Road ..	Do.	Do. ..
575	6441 (2)	8 A	2/1262	31	Naigam Cross Rd. & Dadar Rd. Junc.	Do.	Do. ..
576	887 (2)	20 A	1967	41	Elphinstone and Dadar Road Junction.	Do.	Do. ..
577	542 (2)	1 A	2567	50	Suparibag and Parel Road Junction.	Do. and cattle-trough.	Do. ..
578	4733 (2)	1974 A	1002	21	Gowari Village ..	Do.	Do. ..
579	6870(2)	437 A	909	21	Matunga Khada (village).	Do.	Do. ..
580	7034(2)	601 A	4/872	22	Do. Bhandarwada (village).	Do.	Do. ..
581	7061 (2)	628 A	887	22	Do. Maharwada (village.)	Do.	Do. ..

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
870	4,000	3,499·00	Government Proclamation of 1854	Public use..	Used for the same purpose.	Nil.	
1,740	4,500	6,600·00	Do. ..	Do.	Do.	Nil.	
50	470	52·67	1870	For dipping well and cattle-trough.	Do.	Nil.	
....	400	17·00	....	Fountain with cattle-trough.	Do.	Nil.	
3,024	8,600	12,734·83	Collector's No. 1262 27-0-78	Public use..	Do.	....	
....	170	450·00	....	Do.	Do.	Nil.	
50	300	22·34	....	Do.	Do.	Nil.	Converted into stand-pipe.
....	800	72·00	....	Night-soil Depôt.	Do.	Nil.	
....	900	36,191·00	1868 ..	For Cemetery.	Do.	....	
....	2,250	422·00	1889 ..	For latrine.	Do.	Nil.	
....	1,800	6,116·88	G. P. of 1854	For tank.	Do.	Nil.	
....	400	800·00	G. R. No. 2316 of 17-3-84.	Night-soil Depôt.	Do.	Nil.	
....	13,000	894·44	1884	For Matoonga Road.	Partly pulled down for the road and the remaining rooms let out.	Rs. 12 per month.	Purchased in lump-sum for Rs. 40,000 including 8,376 square yards of ground with the Chawl.
....	400	28·26	....	For well, &c.	For the same purpose.	Nil.	On site of the former salt pans.
50	250	22·12	....	Do.	Do.	Nil.	Converted into stand-pipe.
50	370	38·00	....	Do.	Do.	Nil.	Demolished.
....	500	1,570·00	....	For burial ground.	Do.	....	
....	175	2·64	....	For stand-pipe.	Do.	Nil.	
....	50	7·32	....	Do.	Do.	Nil.	
....	40	1·00	....	Do.	Do.	Nil.	
....	175	3·41	....	Do.	Do.	Nil.	Fountain.
....	175	4·79	....	Do.	Do.	Nil.	Do.
....	50	4·91	....	Do.	Do.	Nil.	
....	800	76·52	....	Stand-pipe and cattle-trough.	Do.	Nil.	
....	40	1·00	....	For stand-pipe.	Do.	Nil.	
....	40	1·00	....	Do.	Do.	Nil.	
....	40	1·00	....	Do.	Do.	Nil.	
....	40	1·00	....	Do.	Do.	Nil.	

List of Municipal Properties--

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
582	896 (2)	256A	5/2094	32	Naigaum Road ..	Stand-pipe	Water ..
583	1894	588	2153	32	Do.	Cattle-trough	Do. ..
584	2779 (2)	20A	2395	51	Sewri, Jakaria Bandar Road.	Stand-pipe and cattle-trough.	Do. ..
585	1073 (2)	1A	2402	56	Parel Tank, Kala-Chowki, and Sewri Bandar Roads Junction.	Cattle-troughs	Do. ..
586	1321 (2)	15A	2487	51	Parel Village Main Road.	Latrine	Health ..
587	8205 (2)	1772	15/133	14	Sion Road	Sluice House and land ..	Water ..
588	933 (2)	283	4/2066	40	Bhoiwada Road ..	Do. do. ..	Do. ..
589	2748	1442	3/22/2468	51	Parel Back Road ..	Latrine	Health ..
590	646	6	1/2046	31	Dadar Road ..	Vacant land	Building ..
591	644-645	4 & 5	3 & 4/2042	31	Do.	Do.	Do. ..
592	....	....	2247	39	Sewri Dhakti ..	Stand-pipe	Water ..
593	858 (3)	115B	2/2593	41	Do.	Chowki	Road Dept. ..
594	1164 (2)	62A	2483	51	Parel Tank Road ..	Executive Engineer's Chowki.	Do. ..
595	1202 (2)	130A	2366	52	Golanji Hill Road ..	Silcher's Incinerator ..	Health Dept. ..
596	6260 (2)	2501A	1/629	15	Sion Agarwada ..	Sluice House	Water ..
597	6852 (2)	419A	1109	33	Do.	Chowki	Road Dept. ..
598	7804	1871	808	21	New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building ..

Ward F—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired or erected.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
....	80	4·43	....	For stand-pipe.	Used for the same purpose.	Nil.	
70	70	17·21	....	For cattle-trough.	Do. ..	Nil.	
....	40	1·42	....	For stand-pipe.	Do. ..	Nil.	
....	75	16·44	....	For cattle-troughs.	Do. ..	Nil.	
2,304	2,304	106·88	1896	For latrines.	Do. ..	Nil.	The old latrine has been demolished and a new one has been constructed in its place. It is not ascertained whether the ground belongs to the Municipality.
.....	1,176	500	....	For sluice house.	Do. ..	Nil.	
....	1,022	346	....	Do. ..	Do. ..	Nil.	
6,382	5,622	92	1895	For latrine.	Do. ..	Nil.	
8,705	8,705	8,965·47	1895	For the extention of Dadar Road.	Lying vacant.	Nil.	
8,948	8,948	4,220·81	Do. ..	Do. ..	Do. ..	Nil.	
1,107	1,107	4·75	....	For stand-pipe.	....	....	
80	80	5	1894	For Chowki	Do. ..	Nil.	
80	80	5	1894	For Chowki	Used for the same purpose.	Nil.	
938	1,567	483·67	Do. ..	For Incinerator.	Do. ..	Nil.	A nominal rent of 9 pie p. a. is charged by Govt
....	4,400	70	1891	Sluice house	Do. ..	Nil.	
80	80	5	1894	For Chowki	Do. ..	Nil.	
8,693	8,693	8,558	9-4-91	For Matunga Road.	Partly used for new Matunga Road and partly lying vacant.	....	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in charge of the Property.
599	7781	1348	P 16 / 926				
600	P / 7780	1347	P 17 / 926	21			
601	P / 7779	1346	P 18 / 926	21			
602	P / 7778	1345	P 19 / 926	21			
603	P / 7797	1364	P 2 / 927	21		Land purchased for the Matunga Roads.	
604	P / 7773	1340	P 1 / 924	21			
605	P / 7772	1339	P 2 / 924	21			
606	P / 7767	1334	P 6 / 924	21			
607	7770	1337	4 A / 924	21			
					New Dadar-Matunga Road.		Building ...
608	7800	1867	W 1 / 928	21		Government vacant land...	
609	7800	1867	W 1 / 928	21		Do. passage ...	
610	P / 7692, P / 7784 (1)	1259, 1351	P 81 / 925, P 13 / 926	21 & 22			
611	P / 7782, P / 7783	1350, 1349	P 14, W 15 / 926	21			
612	7769	1336	W 4 / 924	21			
613	7768	1335	W 5 / 924	21			
614	7730	1297	W 53 / 925	21 & 22		Land purchased for the Matoonga Roads.	
615	7783, 7735	1302, 1300	W 51 & 55 / 925	21 & 22			
616	P / 7700	1267	72 / 925	....			
617	P / 7735	....	W 51 A / 925	21 & 22			

Ward F—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
....	....	....	....			400	Right sold for one year ending 30th June 1897 for cutting grass, cultivating the land and removing fruit from the mango and cocoanut trees, and for drawing toddy from brab, date and cocoanut trees growing on the plots of Municipal land along the sides of the new road from Dadar to Matunga now called "Vincent Road."
5,546	5,546	3,791	1891				
Got from Govt.	361	48	....	For Matoonga Roads.	Partly used for new Matoonga Roads and partly lying vacant.		
....		313	....				
120	120	128	3-2-91				
1,174	1,174	1,256	26-1-91				
819	819	858	3-2-91				
1,333	1,333	652	3-2-91				
		411					
916	916	916	22-5-91				
650	650	110	1891				
1,761	1,761	761	26-5-91				

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality,	Description of the Property.	Department in Charge of the Property.
618	7738	1303	W 52 / 925	21 & 22			
619	7731	1298	W 54 / 925	21 & 22			
620	P / 7729	1296	P 80 / 925	21 & 22			
	7707	1274	P 80 / 925	21 & 22			
	P / 7707	1274	P 80 / 925	21 & 22			
	7728	1295	W 80 A / 925	21 & 22			
621	P / 7725	1292	P 79 / 925	21 & 22			
622	Nil.	Nil.	925	21 & 22		Government passage.	
623	7430	997	W 4 / 862	22		Do.	
624	7429	996	W 5 / 862	22			
625	7417, 7422	984, 989	W 1 & 2 A / 863	21 & 22			
626	7399	966	W 3 / 871	22			
627	7405	972	W 1 / 869	22	New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building.
628	7406	973	W 2 / 869	22			
629	7412	979	W 1 / 868	22			
630	7404	971	W 1 / 870				
631	7402	969	W 3 / 870	22			
632	7407	974	W 5 / 870				
633	7403	970	W 2 / 870	22			
634	7408	975	W 4 / 870	22			
635	P / 7131	598	P 1 / 872	22			
636	7030	597	872	22		Public passage.	
637	7031, 7032	598 & 599	P 1 & 2 W / 872	22			
638	7037	604	W 9 / 877	22			

Ward F—*continued.*

Original Cost.	Present etimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs,	
1,100	1,100	777	3-2-91			400	
459	450	145	22-2-91				
1,565	1,565	853	....				
159	159	.167	3-2-91				
239	239	238	26-1-91				
143	143	153	26-1-91				
55	55	47	30-1-91				
Got from Government.	560	560	1891				
	22	22					
285	285	285	3-2-91				
577	577	475	3-2-91				
863	863	863	3-2-91	For Matunga Roads.	Partly used for the new Matoonga roads and partly lying vacant.		
429	429	384	3-2-91				
333	333	299	30-1-91				
3,239	3,239	2798	3-2-91				
		265					
1,480	1,480	266	3-2-91				
		591					
1,808	1,808	530	3-2-91				
		651					
9,044	9,044	6,766	5-2-91				
Got from Government.	444	395	5-2-91				
....	....	6,344	5-2-91				
10,955	10,955						

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
639	7389	956	W 1 A / 874	22			
640	7390	957	W 1 / 873	22			
641	7391	958	W 2 / 873	22			
642	....	....	W 3 / 873	22		Government passage ..	
643	7045	612	W 1 / 877	22		Do.	
644	7042	609	W 4 / 877	22		Do.	
645	7044	611	W 2 / 877	22			
646	7043	610	W 3 / 877	22			
647	7049	616	W 1 / 906	22			
648	7050	617	W 2 / 906	22			
649	7051, 7056	618 & 623	W 1 & 2 / 905	22			
650	7054	621	W 7 / 905	22			
651	7055, 7052	622 & 619	W 3, 4 & 5 / 905	22	New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building.
652	P / 6835	402	P 4 / 1109	22			
653	7130	697	W 4 / 1111	22			
654	7131	698	W 5 / 1111	22			
655	P / 7121, 7122	688, 689	P 1, W 2 / 1114	22			
656	7289	856	W 1 / 1143	22			
657	7162	729	W 1 / 1173	22			
658	7161	728	W 2 / 1173	22			
659	7163	730	W / 1172	22			
660	6824	391	1238	31		Public passage ..	
661	P / 6828	390	P 1 / 1237	31			
662	6825	392	W 1 / 1239	31			

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
						400	
3,893	3,893	3,139	29-8-91				
Got from Government	91	86					
Do.	125	95	1891				
Do.	70	53					
991	991	1,093	5-2-91				
1,767	1,767	1,788	5-2-91				
4,955	4,955	4,119	5-2-91				
3,634	3,634	2,084	5-2-91				
		357					
3,677	3,677	2,491	5-2-91	For Matunga Roads.	Partly used for the new Matunga Roads and partly lying vacant.		
18,946	18,946	21,542	28-4-91				
300	300	371	28-4-91				
385	385	476	28-4-91				
1,778	1,778	2,162	1891				
525	525	503	23-2-91				
		109					
97	97	108	23-2-91				
1,806	1,806	2,185	12-2-91				
....	274	183	....				
12,649	12,649	1,665	23-2-91				
831	831	961	23-2-91				

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
663	6783	350	W 7 / 1242	31			
664	6789	356	W 2 / 1242	31			
665	6818, 6819	385, 386	W 3, W 4 / 1236	31			
666	P / 6791	358	P 1 / 1235	31			
667	6794, 6797	361, 364	W 2, W 5 / 1233	31			
668	6799	366	W 7 / 1233	31			
669	P / 6449, 6450	16 & 17	P 2 / 1195	31			
670	6635	212	7 / 1208	31			
671	6636 to 6639	203 to 206	W 2, 3, 4, 5 / 1206	31			
672	P / 6814	381	P 2 / 1232	31			
673	6813	380	W 3 / 1232	31			
674	6624	191	W 1 / 1209	31	New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building ..
675	P / 6623	190	P 2 / 1209	31			
676	P / 6634	201	P 7 A / 1206	31			
677	6633	200	8 / 1206	31			
678	6462	19	1 / 1195	31			
679	6640, 6632	207, 199	W 1-9 / 1206	31			
680	P / 6454	21	P 1 / 1194	31			
681	P / 797 (2) 829(2, 830&798	157A, 189A 190A	P 1 / 2089	31			
682	6591	158	10 / 1213	31			
683	765	125	P 1 / 2080	31			
684	766	126	W 2 / 2080				
685	766	127	P 3 / 2080				
686	768	128	P 1 / 2024				

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	Remarks.
Rs. 358	Rs. 358	Sq. yds. 415	23-2-91			Rs. 400	
3,000	3,000	3,453	23-2-91				
7,656	7,656	8,877	23-2-91				
737	737	847	23-2-91				
964	964	1,118	23-2-91				
6,980	6,980	1,035 762 391	9-2-91				
5,186	5,186	2,948	9-2-91	For Matunga Roads.	Partly used for the new Matunga Roads and partly lying vacant.		
1,406	1,406	1,156	9-12-91				
2,772	2,772	1,066	9-2-91				
23,839	23,839	2,823 3,263	9-5-91				
46,630	46,630	12,174·63 4,419·56 16,594·18	1891				

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
687	P / 775 (1)	135	P 1 / 2026	31			
688	P / 775 (2)	135	P 1 A / 2026	31			
689	743 (1) / 743 (3A)	103 BB / 103 BB	P 1 / 2031	31 & 40			
690	744	104 A	A / 2030	31			
691	P / 742	102	P 1 / 2035	40			
692							
693							
694							
695							
696	P / 742	102	P 2 / 2035	40			
697	P / 667	27	P 1 / 2036	40 & 41			
698	6800	367	12 / 1232	31			
699	6802	369	W 10 / 1232				
700	7109	676	W 6 / 1119	22	New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building
701	7112	679	W 2 / 1117				
702	778	138	2 / 2027	31			
703	777	137	1 / 2027	31			
704	776, 779	139-136	3-4 / 2027	31			
705	769	129	2 / 2028	31			
706	770	130	1 / 2028	31			
707	7401, 7400	968-967	5, 1-2 / 871				
708	7423 to 7428	990 to 995	4,5,6,7,8,9 / 863	22			
709	7422	989	2 A / 863				
710	7327	894	2 / 1130	23			
711	7249	816	5 / 1151	23			
712	7241,7243	808-810	6 / 1152, 4 / 1152	23			

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
1,327	1,327	1,123	8-5-91			400	
4,000	4,000	8,376	1891				
1,541	1,541	21,366⅔					
4,400	4,400	1,367	1-4-91				
3,319	3,319	948⅓					
1,061	1,061	948⅓					
4,841	4,841	813⅓					
5,531	5,531	1,204	9-4-91				
2,428	2,428	717⅔	1891				
....	....	606	3-3-91				
856	856	536					
....	....	679	2-3-91	For Matunga Roads.	Partly used for the new Matunga Roads and partly lying vacant.		
699	699	338					
500	500	500·33	1891				
610	610	609·89					
2,114	2,114	2,114·06					
767	767	767·39					
3,325	3,325	3,324·62					
5,737	5,737	5,737·27	17-7-94				
832	832	1,331·05	1891				

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of Property.
713	7251	818	3/1151	23			
714	7137-38	704, 705	4-5/1174	22			
715	7288 (1-2), 7287, 1164	855A, 855, 854, 731	2-3/1143, 1/1171	22 & 32			
716	7288 (1), 7165, 7167	855, 732, 734	2 & 1143, 2-4/1171	22 & 32			
717	7111, 7113	678, 680	1-3/1117	22			
718	7118	685	2/1116				
719	7236, 6767	803, 334	2/1153, 1/1243				
720	6684, 6633	251, 250	3/1254, 2/1254				
721	6741, 6784	308, 351	5/1247, 6/1242				
722	6678, 6762	245, 329	4/1255, 6/1243				
723	7319	886	& 2/1132	31 & 23			
724	7244, 7239	811, 806	3/1152, 5/1153		New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building ..
725	6795 96, 6798	362, 363 and 365	3, 4, 6/1233				
726	6820, 6743	337, 310	4/1237, 3/1247				
727	6675-76	242, 243	6-7/1255 & 1-5/1241				
728	6778, 6782	345, 349					
729	7318	885	1/1132	31			
730	7409	976	868	22			
731	7119, 7116	686, 683	1-4/1116 & 4/1117	22			
732	7114	681					
733	6816	353	1/1236	31			
734	7325, 7323	892 & 890	4/1130 & 1/1131	22 & 23			
735	7107	674	2/1119	22			
736	6803 (1)	870	Western portion of 7 A/1232	31			

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
						400	
6,433	6,433	8,949·61					
			1891				
2,607	2,607	3,626·98					
2,211	2,211	3,723·14					
4,824	4,824	6,711·82	1891				
				For Matunga Roads.	Partly used for the new Matunga Roads and partly lying Vacant.		
3,892	3,892	5,414·66	1891				
2,497	2,497	3,804·58					
1,982	1,982	2,187·36					
1,373	1,373	2196·00					
1,641	1,641	22·83					
2,096	2,096	3,436·40	1891				
729	729	1,037·17					
232	232	309·00					

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
737	6801	368	11/1232	31	New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building.
738	6821, 6579	388, 146	3/1237, 1/1233 & 1/1234	31			
739	6792	359					
740	7125, 7126	692, 693	1-2/1112 and western portion of	22			
741	7132, 7133	699, 700	1-2/1110				
742	7804	1371	1/808	21			
743	7242, 7254	800, 821	5/1152, 5/1150	23, 31 & 32			
744	7172, 6783	789, 350	1/1169, 7/1242 & 1/1148				
745	7269	836					
746	7166 (1) 7127 (2)	733, 694A	3/1171 western part of 1111 and northern part of	22 & 32			
747	7160 (2)	727A	3/1173				
748	7115, 7108	682, 675	5/1116, 1/1119	22			
749	7106, 7104	673, 671	5/1119, 3/1119	22			
750	7179 (1)	746	3/1167	32			
751	7326, 7324	893, 891	3/1130 & 2/1131	22 & 23			
752	6642 (1) 6641	209, 208	The whole of the North portion of 1/1204 up to 1/1205 of 1/1204	31			
753	6793	360	2/1234	31			
754	7771	1338	3/924	21			
755	7801, 7802	1368, 1369	2-3/928	21			

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
419	419	559·00	1891			400	
1,680	1,680	2,240·00	1891				
2,799	2,799	3,732·30	1891				
331	331	529·8	1891				
5,236	5,236	6,982·00	1891				
6,903	6,903	9,818·09	1891	For Matunga Roads.	Partly used for the New Matunga Roads and partly lying vacant.		
2,863	2,863	3,983·77	1891				
2,267	2,267	3,022·50	1891				
2,358	2,358	3,593·30	1891				
2,782	2,782	3710	1891				
242	242	323	1891				
640	640	660·23	1891				
687	687	845·00	1891				

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
756	7053, 7055	622, 620	5-6 / 905	21			
757	6817	384	2 / 1236	31			
758	6679 (1), 6641	246, 208	3 / 1255, 1 / 1205	31			
759	6651, 6652	218, 219	2-3 / 1199 on the east side thereof, also on the side thereof, &c.				
760	6643 (1)	210	1203				
761	7039	606	7 / 877	22			
762	7040, 7041, 7034	608, 607 & 605	5, 6 & 8 / 877	22			
763	7182 (2)	749 A	1166	32			
764	7179 (1) 7181	746, 748	3 / 1167	32			
765	7197	764	1163	31 & 32			
766	7194 to 96	761 to 763	1, 2, 3 / 1164	32	New Road from Dadar to Matunga.	Land purchased for the Matunga Roads.	Building ..
767	7173-78	740 to 745	1, 2, 3, 4, 5, 6 / 1168	31 & 32			
768	7828	1395	5 / 810 72 & 104	21 & 22			
769	7847, 7849	1414, 1416	3, 4 / 810 8-11 / 813 & others.				
770	7826-27	1393-1394	3-4 / 810				
771	7924	1491	10 / 811				
772	7845	1412	6 / 812				
773	7308, 7329	905, 896	1, 1, 1127 1129	22 & 23			
774	7330, 7331	897 to 898	2, 3, 1129 1129				
775	7732	899	4 / 1129				
776	....	....	8 / 2464	..	Parel Bholwada ..	Land for latrine ..	Drainage ..
777	6 (2)	6a	3347	60	Mahalaxmi, Hornby Vellard, North Junction of Worli Road.	Fountain with cattle-trough.	Water ..
778	1321 (2)	15A	2437	40	Parel Village near Night Soil Depôt.	Latrine	Health ..

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
2,486	2,486	2,566·00				400	
1,391	1,391	1,855·00					
2,801	2,801	3,755·00	1891				
432	432	576·00					
662	662	883·00					
1,559	1,559	448					
		1,261					
		5·00		For Matunga Roads.	Partly used for the New Matunga Roads and partly lying vacant.		
		265·00					
....	....	....	1891				
....	....	....					
1,750	1,750	5,156·00					
....	....	....					
....	....	....					
4,908	4,908	6,829·00					
202	202	99·86	16-12-96	Public use..	Vacant ..	Nil.	
....	2,000	25·69	....	Do. ..	Used for the same purpose.	Nil.	
2,786	2,785	....	1893	Do. ..	Do. ..	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Street No.	Locality.	Description of the Property.	Department in Charge of the Property.
779	1321	15B	2487	40, 51	Parel Road ..	Hopper	Health ..
780	2478	1172B	2485	32, 40	Parel Tank Road ..	Stand Pipe	Water ..
781	3544	785	131/2150	32, 33	Vadala Village ..	Land	Building ..
782	5283	2534A	6/931	21	Leo Road ..	Do.	Do. ..

Ward F—*concluded.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.					
1,331	1,331	38·50	....	Hopper ..	Used for the same purpose.	Nil.	
....	54	4·00	....	Public use..	Do. ..	Nil.	
....	28	28·00	....	Do. ..	Vacant ..	Nil.	
....	330	330	....	Do. ..	Do. ..	Nil.	

List of Municipal

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
783	18 (1)	18	3343, 8/3344	46, 47	Mahalaxmi, Hornby Vellard, North Jn. of Worli Road.	Bungalow at Love Grove and Cook-house.	
784	19 (1)	19	1, 2 / 3356C, 1, 2, 4 / 3354, 1, 3 / 3356, 2 / 3357	46, 47	Do.	Pumping Engine house ..	
785	21	21	2/3352	46, 47	Do.	Tank and vacant land ..	Drainage ..
7. 6	22 (1) 22(2), 23	22, 22A, 23	1/3351	46, 47	Do.	Chawls and two other new chawls.	
787	43	43	3379	59	Hornby Vellard	Land	
788	44 (1), 44 (3), (5)	44, 44b, 44d	3378	59, 62, 63	Do.	Do.	
789	96 (1)	96	4/3352 and 3353	59, 47	Do.	Land for surface drainage..	
790	96 (2)	96 A	4/3352	47	Haines Road	Land (channel)	....
791	17	17	2/3345	47	Mahalaxmi Road	Chowki	....
792	18 (1A)	18AA			Do.	House with outhouse ..	....
793	18 (2)	18A	2/3343	47	Do.	Store shed (now pulled down.)	....
794	18 (3)	18B			Do.	Chowki (now pulled down)	....
795	19 (2)	19A	1, 2, 4/3364	47	Do.	Land	....
796	19 (3)	19B			Do.	New pumping station ..	....
797	20	20	3/3352	47	Do.	Chowki	....
798	45	45	3378	58	Clerk Road	Burial-ground for low-caste Hindus.	Health ..
799	46	46	2/3378	59, 47	Do.	Land 50 ft. on either side of main drain from Clerk Road to Love Grove Pumping Station.	Drainage ..
800	50 (1 and 2)	50, 50a	3423	57 & 58	Haines Road	Dhobies' lines and shop and enlargement	Health ..
801	50 (3)	50B	3423	57, 58	Do.	Land for washing clothes by steam.	
802	52 (1), 53 to 58 (1), 59 to 61, 72, 88, 94 and 98	52 to 58 and 59 to 61, 72, 88, 94, 98	3377, 3376, 3374, 3373, 3372, 3371, 3370, 3369, A/3367, 1/3365, 3355, 3/3354, 2/3353	47	Haines Road and Mahalaxmi Road.	Land for burial-ground ..	Health ..
803	51 (1)	51	3375	47	Haines Road	Land	....
804	52 (2)	52A	3377	47	Do.	Corrugated iron firewood shed.	Health ..
805	63	63	3/3367	47	Do.	Place for the disposal of the dead (Hindu, lowcaste)	Do.
806	64	61	2/3367	47	Do.	Land	Do.
807	62	62	3368	47	Haines Road and Mahalaxmi Road.	Foras Tank, now used as burial-ground.	Do. ..
808	398 (1)	800	1/3247	27	Worli Road (Nawapada).	Well	Water ..
809	530 (2, 3, 4, 5 and 6)	389a, 389b, 389c, 389d & 389e	3219	26	Worli, Koliwada near the Fort.	Five Tanks	Do. ..
810	P 2540 (1)	5	3034	28	Worli Road	Land near the sluices ..	Road ..

Properties—Ward G.

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
3,34,655	8,34,000	..	....	....	Used for the same purpose.	..	A. There is no fixed income from these properties. The rights of cutting grass are annually sold collectively in the month of May for a term of one year when different amounts are realized.
		23 acres & 833 sq. yds.	4-8-85 ..	....			
			G.R. No. 950/22-2-79	For surface drainage.			
				Do. ..			
				Do. ..			
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	7,422	14,844	G.R. No. 1931/15-4-78	Burial-ground ..	Not in use ..	Nil.	
..	45,722	..	G.R. No. 701/10-7-79	For main drain ..	Used for the same purpose.	Nil.	
70,000	1,50,000	19,068	G.R. No. 1405/7-3-77	For Dhobie ghat	Do. ..	Nil.	
40,000	90,944	156,067	....	Burial-ground ..	Not in use ..	Nil.	
..	..	..	....	....	....	..	
..	..	25	4-3-95	Fire-wood shed.	Used for the same purpose.	..	
..	42,690	25,380	Collector's No. 286 of 7-2-87.	Burial purposes.	Do.	..	
..	..	..	....	....	....	..	
5,000	11,340	19,280	Act VI of 1857 ..	Reservation Tank.	Not in use ..	Nil.	
50	3,000	169	G. R. 11-4-54 ..	For drinking purpose.	Used for the same purpose.	Nil.	
..	12,300	135·33 84·72 164·49 120·00 127·44	Do. ..	Do. ..	Do. ..	..	
223	341	894	20-8-63 ..	Storing road materials.	Do. .	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
811	984 (1 & 2)	160, 160A	2724	57, 58	Arthur and Haines Roads	Drying ground	Health ..
812	1007 (2)	12A	2728	57, 48, 49	Haines Road ..	Land	Water Works ..
813	985	162	2722	57, 58	Arthur Road ..	Foras tank (now filling up)	Health ..
814	986-92, 995, 996	164, 166, 168, 170 (1), (2), (3)	2721, 1/2720; 2/2720; 5/2720	57	Do. ..	Hindu and Mahomedan burial-ground.	Do. ..
815	995, 996; 2347 (1)	176, 178; 173	2692, 2693	57	Arthur and De Lisle Roads.	Foras tank (now filling up).	Water and road.
816	1106	110	8/3131	47	Fergusson Road ..	Land	Building ..
817	1119 (2)	123A	1/3129	48	Do. ..	Do.	Do. ..
818	1120	124	2/3129	47, 48	Do. ..	Do.	Do. ..
819	1122 (1)	126	1/3128	47, 48	Do. ..	Do.	Do. ..
820	1123	126A	2/3128	4748	Do. ..	Do.	....
821	1181 (1)	183	3164	44	Warli Road (Sambhoo Mahadeo Pakadi).	Tank	Water ..
822	1181 (2)	183A	3164	44	Do. ..	Sambu tank	....
823	1384 (2)	383A	3205	44	Warli Road (Mathar Pakadi).	Well	Water ..
824	1452	451	3035	28	Warli Road ..	Sluice-houses	Drainage ..
825	2540 (1)	5	3035, 3034 A	28	Do.	Land	Health ..
826	2346 (1)	554	2949	42	DeLisle and Parbhadevi Roads.	Foras tank . ..	Water ..
827	2346 (2)	554A	2949	42	Do. .	Night-soil depôt ...	Health ..
828	2529 (1)	41	1/2646	42	Carroll Road ..	Land	Building ..
829	2532 (2, 3)	44 (A & B)	2648	42	Do. ..	Fire Brigade and lascars' quarters including road.	Chief of Fire Brigade.
830	2811 (1 & 2)	276, 276A	1752	29	Mahim Agar ..	Sowli Tank	Water ..
831	2507	971	1920	30	Elphinstone Road ..	Land	Building ..
832	3711	72	1287	23	Hasalt near Lady Jamsetji Road.	Hasali tank	Water ..
833	4854 (1 & 2)	183, 183A	1503	24	Jambli Tank, Mahim Bazaar Road.	Jambli tank	Do. ..
834	5303, 5304	43, 44	49	10	Durga Street ..	Land, Health Dept. stables	Health ..
835	5312	52	55	10	Mahim Custom Road	Police quarters and sowars' stables.	Streets & buildings.
836	5834	310	Below 93	9, 12	Upper Mahim ..	Digbee tank	Water ..
837	6110 (1)	535	59	10	Mori Road	Sir Kavasji Jehangir Garden.	Supt. of Gardens.

Ward G—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived fro the same.	REMARKS.
Rs. 40,000	Rs. 3,09,940	Sq. yds. 150,000	G.R. No. 5155 / 23-8-77	Dhobies' drying ground.	Used for the same purpose.	Rs. Nil.	
..	..	..	....	....	....	..	
5,000	19,615	19,600	Act VI of 1857..	Reservation Tank.	Not in use ..	Nil	
3,000	65,053	60,025	27-4-75, 15-2-81, 15-2-82, 14-2-82	For burial ground.	Cultivation ..	..	
9,000	57,628	14,407	Act VI of 1857..	Reservation tank.	Road metal and rollers and water pipes.	60	Yearly for cutting grass. No fixed income.
..	906	302	....	For road ..	Surplus ground, vacant.	Nil.	
..	3,771	1,257					
..	5,400	1,800					
..	6,153	2,051					
..	..	..	....	....	....	..	
500	7,400	2,788	G. P. 11-4-54 ..	Drinking ..	Used for the same purpose.	Nil.	
..	..	..	....	....	....	..	
50	1,675	78	G. P. 11-4-54 ..	Drinking ..	Used for the same purpose.	Nil.	
..	2,400	408	....	Drainage ..	Do. ..	..	B. There is no fixed income from these properties. The rights of fishing in the sluice are annually sold when different amounts are realized.
892	58,238	116,477	G.R. No. 1281 / 11-3-78	Drag channel ..	Do. ..	Nil.	Filling in cutchra.
3,000	19,669	17,718	Act VI of 1857..	Reservation ..	Not in use ..	Nil.	
13,172	22,150	..	....	Do. ..	Night-soil depôt	Nil.	
..	16,500	4,466	....	Night-soil depôt	Used for the same purpose and partly vacant.	Nil.	
..	25,280	..	....	Do. ..	Fire Brigade station..	Nil.	
300	7,900	5,302	G. P. 11-4-54 ..	Washing ..	Not in use ..	..	Planting and gathering shingodas. Annual rent Rs. 6.
2,722	2,725	5,449	26th Jan. 1869..	Road	Vacant ..	Nil.	
500	10,000	5,288	G. P. 11-4-54 ..	Public purpose..	Not in use ..	..	Income derived from the sale of the right of fishing.
200	13,000	3,977	Do. ..	Do. ..	Do. ..	..	Planting and gathering shingodas. Annual rent Rs. 3.
..	6,500	5,178	G.R. No. 3493 / 11-10-67	Health dept. stable.	Used for the same purpose.	Nil.	
..	5,666	1,666	....	Police	Do. ..	Nil.	
300	41,400	9,332	G. P. 11-4-54 ..	Public purpose..	Not in use ..	Nil.	
..	10,780	30,313	G.R. No. 774 / 4-2-75, 1522 of 8-8-76	Garden ..	Garden ..	..	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
838	6110 (4 & 5)	585C, 585D	59	10	Mori Road.. ..	Fire Brigade and lascars' quarters.	Chief of Fire Brigade.
839	6110 (3)	585B	59	10	Do.	Land for cutchra filling in.	Health ..
840	6110 (2)	585A	59	10	Do.	Land under cultivation ..	....
841	6256	145, 146	511	6, 7	Dharavi Road ..	Sweeping ground for reclamation.	Building ..
842	6258-59	147, 148	2/512, 513	6, 7	Do. ..	Site of sweeping.. ..	Health ..
843	6342 (1) (2)	231, 231A	Near 838	8	Do. ..	Chowki and sluice-house ..	Drainage ..
844	6865 (2)	755A	1/310	8	Do. ..	Land	Water ..
845	7671	1761	1/380	8	Do. ..	Land (R. C. cemetery) ..	Health ..
846	5347 (3)	202A	52	10	Durga Street ..	Land with latrines ..	Do. ..
847	7322 (2)	1202A	Between 475 & 474.	7 & 8	Dharavi Road ..	Land between Survey Nos. 474 & 475.	Building ..
848	1 (8)	1H	Nil.	59	Breach Vellard ..	Garden	Road ..
849	3670 (2)	32A	1277	23	Lady Jamsedji Road. Dadur.	Land for new road ..	Building ..
850	3668-69	30 & 31	1 & 2/1276	23	Do. ..	Do. ..	Do. ..
851	3709 (2)	70A	1286	23	Do. ..	Do. ..	Do ..
852	....	Nil.	Nil.	Nil.	Bandora	Land and slaughter-house, &c.	Supt. of Markets
853	....	Nil.	Nil.	Nil.	Do.	Grazing ground	Do.
854	7008 2)	898A	297	8	Dharavi Road ..	Stand-pipe & cattle-trough	Water ..
855	5998	472	64	9	Mori Road.. ..	Stand-pipe	Do. ..
856	5524 (2)	157A	10	10	Mahim Bazar, Lady Jamsedji Road Junction.	Drinking fountain ..	Do. ..
857	4744 (2)	23B	1536	11	Mahim Bazar near Police Chowki.	Stand-pipe	Do. ..
858	2736 (3)	201B	1636	11	Do. opposite House No. 2.	Do.	Do. ..
859	4569 (2)	928A	Between 1554 & 1573	24	Do. Bhandarwada..	Do.	Do. ..
860	5151 (2)	479A	54	12	Lady Jamsedji Road	Stand-pipe & cattle-trough	Do. ..
861	4974 (5)	302D	Opposite 1610 1/(20)	29	Mahim Bazar on Parbhadevi (Old Junction).	Stand-pipe	Do. ..
862	2338 (2)	303A	Opposite 1747.	28	Junction of New & Old Parbhadevi Roads.	Do.	Do. ..

Ward G—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
..	6,605	..	G.R. No. 774/4-2-75, 4522 of 8-8-7(	Garden ..	Fire Brigade ..	..	
..	41,381	..	Do. ..	Do. ..	Cutchra filling in.	..	
..	..	..	....	....	....	..	
	8,868	35,470	G.R. No. 528/21-1-8.	Reclamation ..	Not in use ..	..	
15,900	10,061	40,214	G.R. No. 4737/8-8-77	Do. ..	Do. ..	Nil.	
	1,200	500	....	Drainage ..	Used for the same purpose.	..	B. The rights of fishing in the sluices are annually sold collectively in the month of March when different amounts are realized.
50	200	19·63	G. P. 11-4-54 ..	Public.. ..	Do. ..	Nil.	
..	1,351	5,430	1-12-68	Burial purposes.	Not in use ..	Nil.	
..	2,976	142	1893	Latrines ..	Used for the same purpose.	Nil.	No ground rent to be paid—*vide* Collector's No 1830/16-8-89.
..	58	230	G.R. No. 8250/25-11-82	Burial.. ..	Not in use ..	Nil.	
..	10,000	1,610	....	Slopes of Vellard	Garden ..	Nil.	
..	694	617	31-7-91	For road ..	Vacant ..	Nil.	
..	6,616	4,410	20-10-91	Do. ..	Do. ..	Nil.	
..	7,444	2,977	5-8-91	Do. ..	Do. ..	Nil.	
2,34,298	2,71,717	10 acres	....	Slaughter-house	Used for the same purpose.	194,696	Out of the Island of Bombay. Rs. 435 annual rent.
		411 acres	....	Grazing ground.	Do. ..	..	
..	470	56·25	....	Drinking ..	Do. ..	Nil.	
..	75	4·68	....	Do. ..	Do. ..	Nil.	
..	207	8·67	....	Do. ..	Do. ..	Nil.	
..	80	3·55	....	Do. ..	Do. ..	Nil.	
..	80	3·33	....	Do. ..	Do. ..	Nil.	
..	67	1·77	....	Do. ..	Do. ..	Nil.	
..	107	7·55	....	Do. ..	Do. ..	Nil.	
..	80	3·05	....	Do. ..	Do. ..	Nil.	
..	80	2·50	....	Do. ..	Do. ..	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	* Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
863	3689 (2)	50A	Opposite 1455	30	Dadar Road ..	Stand-pipe	Water ..
864	965 (2)	524A	Opposite 3226	27	Worli Koliwada near Customs Chowki.	Drinking fountain ..	Do. ..
865	865 (2)	424A	3220	26	Do. near Fort.	Do. ..	Do. ..
866	398 (2)	800A	3247	27	Do. Nawapada	Stand-pipe	Do. ..
867	1384 (3)	383B	3235	44	Do. Mhatarpakady.	Do.	Do. ..
868	133 (2)	35A	3300	44	Do. Motipakady	Do.	Do. ..
869	1107 (2)	111A	3131	47	Worli and Fergusson Roads Junction.	Do.	Do. ..
870	18 (4)	18C	3343	47	Worli Road, Love Grove sluices.	Do.	Do. ..
871	3450, 3451	914-15	1818 & 1936	42	Junction of DeLisle and Elphinstone Roads.	Drinking fountain and cattle-trough.	Do. ..
872	1 (9)	1 (H)	Nil.	62	H. Vellard South end Junction, Clerk Rd.	Drinking fountain ..	Do. ..
873	6 (2)	6A	3346	60	Hornby Vellard, North.	Do. and cattle-trough.	Do. ..
874	3062 (2)	526A	Opposite 1814	29	Mahim Agar Khara Tank.	Stand-pipe	Do. ..
875	3435	899	1820	29	Dadar Kumbharwada.	Garden (Narsey Mahadeo).	Building ..
876	1090 (3)	94B	3156	47	Haines Road ..	Part of land	Do. ..
877	1105 (3)	109B	3132	47	Fergusson Road ..	Do.	Do. ..
878	1104 (5)	109D	3129& 3132	47	Do. ..	Do.	Do. ..
			3133	47	Do. ..	Do.	Do. ..
879	2218 (3)	1214B	2768	48	Do. ..	Do.	Do. ..
880	2218 (4)	1214C	2768	48	Do. ..	Do. .. .	Do. ..
881	2117 (2)	1113A	2810	48	Do. ..	Do.	Do. ..
882	2129(2), 2131 (2), 2132 (2)	1125A 1127A 1128A.	2804	48	Do. ..	Do.	Do. ..
883	2138 (2)	1134A	2802	48	Do. ..	Do.	Do. ..
884	1205 (1)	207A	3163	44	Worli Road Sambhu Mahadeo Pakady.	Latrine	Health ..
885	1382 (3)	381	1/3205, 3/3205	44	Do. Mahtarpakhadi	Do.	Do. ..
886	1383 (1)	382	1 & 3/3205	44	Worli Road ..	Land	....
887	3417	881	1824	29	DadurKumbharwada	Garden (Bai Sonabai's) ..	Building ..
888	3418	882	1624	29	Mahim Agar ..	House with outhouses ..	....
889	6167 (4)	56C	Near 296	8	Dharavi Road ..	Open ground with latrines.	Health ..

Ward G—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired or erected.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
..	85	3·19	....	Drinking ..	Used for the same purpose.	Nil.	
..	100	1·77	....	Do. ..	Do. ..	Nil.	
..	175	1·00	....	Do. ..	Do. ..	Nil.	
..	75	4·28	....	Do. ..	Do. ..	Nil.	
..	75	6·25	....	Do. ..	Do. ..	Nil.	
..	235	28·44	....	Do. ..	Do. ..	Nil.	
..	62	3·36	....	Do. ..	Do. ..	Nil.	
..	75	4·58	....	Do. ..	Do. ..	Nil.	
..	1,026	..	....	....	....	..	
..	620	13	....	Drinking ..	Used for the same purpose.	Nil.	
..	1,080	..	....	....	....	..	
200	7,500	3·33	....	Drinking ..	Used for the same purpose.	Nil.	
..	5,535	2,765	....	For road ..	Vacant ..	Rs. 40 yearly.	
..	183	61					
..	1,674	558					
..	3,249	1,083	....	Road-making ..	Surplus ground vacant.	Nil.	
..	1,392	464					
..	7,446	2,482	....	....	....	..	
..	12,597	4,199					
..	420	140					
..	510	170	....	Road-making ..	Surplus ground vacant.	..	
..	1,011	337					
759	2,261	572·30	19-11-94	For latrines ..	Used for the same purpose.	Nil.	
3209	5,026	12·65	22-12-94	Do. ..	Do.	Nil.	
..	..	..	....	....	....	..	
..	7,000	3,509	16-3-95	For road ..	Vacant ..	Rs. 70 yearly.	
..	..	..	....	....	....	..	
1877	2,217	175	2-7-95	For latrines ..	Used for the same purpose.	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
890	51 (2)	51 A	3375	47	Haines Road ..	Grave Digger's Chawl ..	Health ..
891	125 (2)	27 A	3302	47	Warli Road, S. M. Pakhadi.	Chowki	Road ..
892	984 (3)	160 B	2724	5758	Arthur Road ..	Jaoli shed	....
893	1067 (1)	72	5	48	Haines Road ..	Land	Drainage ..
894	1067 (2)	72 A	3142		Do. ..	Land and sluices ..	
895	1635	684	3033	4843	Warli Road ..	Water channel	Do. ..
896	1772 (2)	771 A		28	Do. ..	Land	
897	2031	1027	5 / 2851	49	DeLisle Road ..	Do.	....
898	2036	1032	5 / 2850	49	Do. ..	Do.	....
899	2037	1033	4 / 2850	49	Do. ..	Do.	....
900	2042	1038	3 / 2849	49	Do. ..	Do.	....
901	2075	1071	2 / 2823	49	Fergusson Road ..	Do.	....
902	2078 (2)	1074 A	1 / 2821	48	Do. ..	Do.	....
903	2079 (2)	1075 A	2 / 2821	48	Do. ..	Do.	....
904	2080 (2)	1076 A	2 / 2820	48	Do. ..	Do.	....
905	2082 (1)	1078	2 / 2820	48	Do. ..	Do.	....
906	2087	1083	4 / 2817	48	Do. ..	Do.	....
907	2095	1091	11 / 2815	48	Do. ..	Do.	....
908	2098	1094	9 / 2815	48	Do. ..	Do.	....
909	2103	1099	3 / 2815	48	Do. ..	Do.	....
910	2275	340	7 / 2678	39	DeLisle Road ..	Do.	....
911	2362 (3)	199 B	Near 2698	49	Do. ..	Chowki	Road ..
912	2526 (4)	38 C	2642	42	Do. ..	Land	....
913	2540 (2)	5 A	3034	20	Warli Road ..	Do.	Health ..
914	3249 (6)	713 E	1874	3031	Dadar	Do.	....

Ward G—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired or erected.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
..	10,181	206	4-3-95	For Grave Diggers.	Used for the same purpose.	..	
80	80	35⅝	5-7-95	Munl. purpose..	Do.	..	
..	..	..	....	....	....	..	
..	..	21,760	....	S. W. Drain ..	Used for the same purpose.	..	
..	..	43,000	....	Do. ..	Do.	Nil.	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Part of Tulsi pipe road included in the cost of laying Tulsi water pipe.
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Part of DeLisle Road.
80	80	5	1894	Munl. purpose..	Used for the same purpose.	Nil.	
..	..	..	....	....	....	..	Part of Tulsi pipe road included in the cost of laying Tulsi water pipe.
10	10	10	1896	Munl. purpose..	Used for the same purpose.	Nil.	
..	..	..	....	....	....	..	Do. do.

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
915	3513	976	2/1916		Elphinstone Road ..	Tulsi water pipe.. ..	Water ..
916	3522	985	4/1911		Do. ..	Do.	....
917	3523	986	5/1911		Do. ..	Do.	....
918	3526	989	2/1909		Do. ..	Land and pipe line ..	....
919	3561	1023	3/1899	30	Do. ..	Tulsi water pipe ..	....
920	3562	1024	4/1899		Do. ..	Do. ..	....
921	3585	1047	5/1887		Do. ..	Do. ..	....
922	3586	1048	4/1887		Do. ..	Do. ..	....
923	3638	1	Nil. A	31	Dadar Road ..	Sluice House (Vehar Water Works).	....
924	3750	111	1301	23	Manmala TankRoad.	Land Tulsi pipe	....
925	3758	119	6/1306	23	Do. ..	Land with trees and Tulsi pipe.	....
926	3760	121	4/1306	23	Do. ..	Do. ..	....
927	3961	322	3/1364	24	Do. ..	Land (vacant passage) ..	....
928	3993	354	1/1372	23 & 12	Do. ..	Land (vacant)	....
929	3994	355	2/1372		Do. ..	Do.	....
930	3995	356	3/1372		Do. ..	Do.	....
931	3999	360	2/1374		Do. ..	Do.	....
932	4003	364	4/1375		Do. ..	Land (rice)	....
933	4004	365	4/1376	23	Do. ..	Land (vacant)	....
934	4008	369	8/1377		Do. ..	Do.	....
935	4009	370	7/1377		Do. ..	Do.	....
936	4011	372	5/1377		Do. ..	Do.	....
937	4012	373	4/1377		Do. ..	Do.	....
938	4013	374	3/1377		Do. ..	Do.	....

Ward G—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired or erected.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Part of Tulsi pipe road included in the cost of laying Tulsi water pipe.
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Included in the cost of laying Vehar water pipe.
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Part of Tulsi pipe road included in the cost of laying Tulsi water pipe.
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
939	4854 (3)	1836	1503	24	Mahim Bazar Road..	Chowki for Mahim Road Dept.	Road ..
940	5528	4	B/183		Upper Mahim Road.	Land (waste)	....
941	5529	5	B/183		Do. ..	Sluice House .. .	....
942	5563	39	4/173	12	Upper Mahim ..	Land (waste) .. .	....
943	5564	40	5/173		Do. ..	Do. .. .	....
944	5568	44	2/171		Do. ..	Do.	....
945	5998	473A	3/63	9	Mori Road.. ..	Land with trees	....
946	5999 (1) (2)	474 474A	4/63		Do.	Do.	....
947	6264 (2)	153A	Nil.	6	Dharavi Road ..	Sluice House (Vehar Water Works).	Water ..
948	3717	78	3/1291	23	Basali Tank Road ..	Land	Road ..
949	3718	79	2/1291		Do. ..	Do.	....
950	3719	80	1/1291		Do. ..	Do.	....
951	....	....	.. .	8	Dharavi	Latrine	Health ..
952	1382 (2)	381A	1/3205	44	Worli Moti pakhadi.	Do.	Do. ..
953	1205 (3)	207B	1/3168	44	Do. Middle do.	Do.	Do. ..
954	51 (3)	51B	3375	47	Haines Road ..	Shed	Do. ..
955	1091	95	....	....	Do. ..	Chowki	Engineer ..
956	2137 (2)	1133A	5/2802	48	Fergusson Road ..	Vacant land	Building Dept.
957	6110 (6)	585E	59	10	Mori Road ..	Hut	
958	6110 (7)	585F	59	10	Do. ..	Land	Supt. Gardens .. Health ..

Ward G—*concluded.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired or erected.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
80	50	5	1894	Munl. purpose..	Used for the same purpose.	Nil.	
..	..	..	....	....	....	..	Part of Tulsi water pipe included in the cost of laying Tulsi water pipe.
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Included in the cost of laying Vehar water pipe.
..	..	..	....	....	....	..	Part of Tulsi water pipe included in the cost of laying Tulsi water pipe.
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
2,751	2,750	..	1896	Latrine ..	Used for the same purpose.	Nil.	
3,034	3,030	..	1896	Do. ..	Do. ..	Nil.	
3,903	3,900	..	1896	Do. ..	Do. ..	Nil.	
....	25	21	7-3-85	Munl. purpose..	Do. ..	Nil.	
....	311	218	26-3-97	Do. ..	Do. ..	Nil.	
....	2664	74	21-1-86	Do. ..	Do. ..	Nil.	
....	7	87	. ..	Do. ..	Do. ..	Nil.	
....	4900	26141	....	Do. ..	Do. ...	Nil.	

THE MUNICIPAL SERVANTS ACT.

462. No circumstances have arisen in this Department during the year to necessitate the putting of the Municipal Servants Act into operation.

I have the honour to be,

Sir,

Your most obedient servant,

M. C. MURZBAN, F.R.I.B.A., M. INST. C.E.,

Executive Engineer, Municipality.

J.—SPECIAL DRAINAGE WORKS.

Report of Mr. James W. Smith, Special Drainage Engineer, forwarded under his No. S.D. 953 of 28th July 1897.

1. During the year under review I acted as Executive Engineer, while Mr. Marzban was absent on privilege leave for three months from 22nd September 1896, in addition to carrying on my own duties.

2. The unfinished works in progress, the new works commenced, and the new works sanctioned but not commenced during the year were as follows:—

UNFINISHED WORKS.

1. Colaba Sewerage Works.
2. Umarkhadi Sewerage Works.
3. Connaught Road and Sussex Road Drainage and Sewerage Works.
4. Parel Sewerage Works.
5. Mazgaon Sewerage Works.
6. Malabar Hill and Khambala Hill Sewerage Works.

NEW WORKS COMMENCED DURING THE YEAR.

7. House Drainage Connections (Street Portions) in the Colaba District.
8. Fergusson Road and Chinchpokli Gravitation Sewerage Works (a portion, *viz.*, 18″ pipe sewer in DeLisle Road).
9. Draining Storm-water from the Public Roads around the Mahalakshmi Dhobiwada.
10. Laying 9″ pipe drains for the carriage of Storm-water to the sea from the southern part of Wodehouse Road.

WORKS SANCTIONED BY THE CORPORATION BUT NOT COMMENCED DURING THE YEAR.

11. Old Race Course Sewerage Works (Gravitation portion).
12. Improvement of the roadside drains with masonry gullies in the Khetwadi District.
13. Ovoiding side drains in Girgaon Road from Thakurdwar Road to the Portuguese Church.

14. Masonry drain from Girgaon Road passing through the Nightsoil Depôt Lane and across Mathew Road and the B. B. & C. I. Railway to Back Bay.

15. Opening out the water-course to the west of Mr. Kama's property, Parel Road, and constructing a covered drain thereat.

16. Storm-water drain with water-gullies in Rampart Row opposite the Elphinstone College.

17. Storm-water drain in Wodehouse Road near Y. M. C. A. Buildings.

1.—COLABA SEWERAGE WORKS.

3. These works were let separately to three firms of Contractors as follows:—

(*a*) Works in pipe sewers, &c., let to Messrs. Bulkley and Company.

(*b*) Works in air-compressing machinery, ejectors, air mains, sealed sewage mains, &c., under the Shone System, let to Messrs. Hughes and Lancaster.

(*c*) Works in engine-house, boiler-house, coal store, chimney, Engineer's and Firemen's quarters, &c., at the Air-compressor Station, works in ejector chambers, and works in excavation and masonry for air mains and sewage mains, let to Messrs. Mistri, Bhedwar, Vachaghandi and Company.

(*A*) *Works in Pipe Sewers, &c.*

CONTRACTORS—MESSRS. BULKLEY & Co.

4. These works were practically completed departmentally in February 1896, as stated in the previous report, and the small minor defects (in manholes especially) have since been remedied.

5. The hearing of the suit filed by the Contractors commenced on 10th March 1896, and was closed on 23rd July. A judgment, dismissing the suit with costs, was delivered by the High Court on the 19th August 1896.

6. Against this judgment an appeal was filed by Messrs. Bulkley & Co., and it was admitted. The case was then argued upon the construction of the several clauses of the contract, and was decided in a manner favourable to the Municipality. The Commissioner of the Court was directed by the Court to take a preliminary account to ascertain if any (or what) money was due to the plaintiffs (at the time of their withdrawal from the work) under the construction of the contract as determined by the Appeal Court.

7. A preliminary meeting was held by the Commissioner of the Court, and Messrs. Bulkley & Co. and the Municipality were ordered to file certain accounts on or before the 5th June 1897.

8. The further meetings and the result will be a matter for the next Annual Report.

(B).—Works in Air-compressing Machinery, Ejectors, Air Mains, Sealed Sewage Mains, &c.

CONTRACTORS—MESSRS. HUGHES AND LANCASTER.

9. The work under this Contract was completed, as stated in the preceding year's report, within the contract period, which expired on the 1st May 1895, but there were some defects found in the air mains and in some of the stop valves affixed to them. Mr. Allan, the Contractors' Agent, was attending to these defects.

10. Very thorough tests of the air-compressing machinery and boilers were carried out on the 8th, 9th and 10th July 1895, and proved satisfactory, as stated in the preceding year's report; but the testing over the whole of the system of air mains actuating the ejectors remained to be carried out. Mr. Allan, the Contractors' Agent, who was attending to the defects, was, however, very slow in remedying them, and even after a great deal of correspondence with him, matters did not improve until Mr. Ault's arrival in Bombay in November 1896. He dispensed with the services of Mr. Allan, as he had failed to make the air mains satisfactory, and requested me, as per his letter of 13th November 1896, to rectify the defects in the air mains departmentally at the cost of Messrs. Hughes and Lancaster. The Commissioner's sanction was obtained and the work at once taken in hand.

11. After the rectification of the defects Mr. Hewett reported on the 2nd January 1897 that the tests of the air mains, which were carried out on the 28th December 1896, proved satisfactory, and that the conditions of clause 74 of the Contract might be considered to have been satisfactorily fulfilled.

12. Mr. Hewett in the same report remarked that, with the exception of the tests required by the first part of clause 71 of the Contract, all stipulations had been carried out.

13. As regards these tests, Mr. Hewett observed that it would be impossible to carry them out then, as there was not sufficient sewage to be lifted; but he showed by a calculation of the sewage that was then being actually lifted that the conditions would be fulfilled in practice, and he concluded his report with the following remarks:

"Under the circumstances, I do not know of any objection to the final payments being now made to the Contractors."

14. Clause 35 of the Contract provided that the final payment due to the Contractors on the Engineer's certificate should be made to them on the expiration of six months from the date of the Engineer's final certificate, and it further stipulated as follows:—

"In case, however, the Contractors shall not have delivered to the Engineer a full account in detail of all claims they may have on the Corporation as specified in this clause, or the Engineer has, through the act or omission of the Contractors, been unable to give any such certificate as is mentioned in this clause, then and in such case the amount of such final balance shall not be paid to the Contractors until after the expiration of six calendar months from the date of the delivery of such full account to the Engineer by the Contractors or the granting of such certificate by the Engineer as aforesaid."

15. Although the air-compressing machinery had been satisfactorily working for so long a period as nineteen months, I could not certify, until the 11th February 1897, to the completion of the works, because of the defects in the air mains but still the air mains had been working all the time. Nothing was wanting during these nineteen months but the perfection of the air mains (almost entirely in districts 4 and 5), and therefore it might very reasonably be considered that the works had been maintained by Messrs. Hughes and Lancaster practically for nineteen months, instead of six months, as stipulated by the clause of the Contract above quoted.

16. Under the circumstances, sanction was accorded by the Standing Committee, as per their Resolution No. 13278, dated 3rd March 1897, to the disposal of the Contract with Messrs. Hughes and Lancaster in paying them the balance of account due and returning them their deposit and retention money. The amount then payable to them was :—

£ 1,550-18-10—Being the last instalment under clause 33 of the Contract.

Rs. 2,885 -2 -6—Being the balance for the air mains and sealed sewage mains.

„ 1,516 -0 -0—Being the cost of iron ladders and perforated C. I. floor plates on iron girders to ejector stations Nos. 1, 2 and 3.

„ 12,760 -0 -0—Being the cost of the erection of machinery exclusive of air and sealed sewage mains and their fittings.

„ 14,500 -0 -0—Being the amount of security deposited with the Contract.

„ 2,500 -0 -0—Being the amount retained from the bills for air mains and sealed sewage mains.

17. The total amount payable under the Contract to Messrs. Hughes and Lancaster for the machinery and the ejectors was £13,651 and Rs. 14,276 for the erection thereof.

18. The sterling amount was payable in five instalments, and was paid as follows :—

Instalment No.	Amount in Sterling.	Rate of Exchange.	Date of Remittance.	Value in Rupees.
	£	s. d.		Rs. a. p.
1st	3,300	1 2	14th March 1894 ...	56,571 6 10
2nd	3,400	1 0⅛	11th April 1894 ...	59,889 14 6
3rd	2,000	1 0 3/32	18th July 1894 ...	37,555 0 2
4th	3,400	1 0 7/32	7th September 1894...	63,532 13 6
5th	1,551	1 1 5/16	4th March 1897 ...	27,961 11 0
				2,45,510 14 0
Add—Cost of telegraphic instructions to Messrs. Coutts & Co. for making payment...				216 15 0
			Total Rs. ...	2,45,727 13 0

19. In addition to the above a sum of £749-8-0 was payable to Messrs. Hughes and Lancaster for vent-shafts and their fittings on the Shone and Ault principle of ventilation. The total cost of this remittance was Rs. 13,113-11-11 *plus* Rs. 20, being the cost of telegraphic instructions to Messrs. Coutts & Co. for making payment.

20. For the air mains and sealed sewage mains which were provided and laid by Messrs. Hughes and Lancaster the sum of Rs. 50,635 was due to them under the Contract but some extra bends of various sizes, taper pipes and special flanged pipes, were found necessary during the progress of the work, and some of the air mains and sewage mains were required of greater length than had been provided for in the Contract.

21. The total sum, including the extra and excess quantities paid under this head, amounted to Rs. 51,509-10-8 and the final bill for this amount was passed in February 1897.

22. The total cost of the air-compressing machinery, ejectors, air and sewage mains and vent-shafts, including erection, amounted to Rs. 3,26,246-8-10, as detailed below :—

23.		Rs. a. p.
	Air-compressing machinery including ejectors and the cost of erection	2,60,623 2 3
	Air mains and sealed sewage mains including cost of laying	51,509 10 8
	Vent-shafts and fittings	13,133 11 11
	Erection of vent-shafts	980 0 0
	Total Rs. ...	3,26,246 8 10

(C).—Works in Engine-house, Boiler-house, Coal Store, Chimney, and Engineer's and Firemen's Quarters at the Compressor Station, Works in Ejector Chambers, and Works in Excavation and Masonry for Air Mains and Sealed Sewage Mains.

CONTRACTORS.—MESSRS. MISTRI, BHEDWAR, VACHAGHANDI & Co.

24. The contract period for the completion of these works expired on 31st December 1894.

25. This period was extended to 30th April 1895, but even on that date the works still remained incomplete. They were, however, practically completed on 1st October 1895, and some minor items which were left unfinished were completed departmentally.

26. The final bill was submitted to the Commissioner under my No. S. D. 4174, dated 20th March 1896, and the Standing Committee, as per their Resolution No. 7646, dated 3rd November 1896, accorded their sanction to the variation of the Contract whereby the contract period for the completion of the works was extended to 1st October 1895 and the twelve months' maintenance period was to be counted from that date, and in lieu of the penalty provided for by the Contract, a sum of Rs. 380-5-4, was deducted to cover the cost of the Supervising Establishment incurred by the Municipality.

27. Pending the settlement of the final bill the Contractors pressed for some payment and an advance of Rs. 10,000 was made to them on 16th June 1896.

28. The total allotment allowed for this work was Rs. 82,239, being the amount at which the contract was let to the Contractors as per the Standing Committee's Resolution No. 13521, dated 14th March 1894. The total expenditure against this allotment amounted to Rs. 80,908-14-2. The final bill which was passed amounted to Rs. 79,076-5-6.

29. The details of the total expenditure are as follows :—

	Rs.	a.	p.
Amount of the final bill	79,076	5	6
Minor works done departmentally	1,102	8	8
C. I. floor plates supplied and fixed in place of W. I. ones included in the original contract.	730	0	0
Total Rs. ...	80,908	14	2

2.—UMARKHADI SEWERAGE WORKS.

CONTRACTORS—MESSRS. BULKLEY & CO. AND MR. SITARAM LAKSHMAN.

30. The suit filed by the Contractors in respect of the Colaba pipe Sewer Works comprises the similar works in the Umarkhadi District, and the remarks on the progress of the suit under the former head apply equally to the latter works.

31. These works, after the Contractors Messrs. Bulkley and Co. had withdrawn, were being carried on departmentally, but, as stated in the previous report, it was considered advisable to complete them by contract, and accordingly, after inviting tenders, a contract was let to Mr. Sitaram Lakshman.

32. The contract time in which Mr. Sitaram Lakshman agreed to complete the works expired on 6th September 1896, but the works were not then finished. Mr. Sitaram Lakshman applied for a four months' extension, but he was informed that he should endeavour to complete the works as early as possible, and that the question of extension would be considered on the completion.

33. The works occupied the four months, and they were practically completed about the 9th January 1897, though there were then minor defects which were not remedied until the end of May 1897. The works were then taken over from the Contractor after a final inspection.

34. The final bill which has been prepared amounts in gross to Rs. 1,33,931, as against the contract amount of Rs. 1,81,011.

35. The total expenditure on the works to the end of the financial year was Rs. 2,92,379-4-9.

3.—CONNAUGHT ROAD AND SUSSEX ROAD DRAINAGE AND SEWERAGE WORKS.

CONTRACTORS—MESSRS. MISTRI, BHEDWAR, VACHAGHANDI & Co.

36. As stated in the Report of the previous year, the only work which still remains to be done and which was included in the contract consists of—

(*a*) The metal vent-shafts which cannot be put up until buildings are erected suitable to receive them, and

(*b*) The connections of the service pipes of the flush tanks which cannot be connected until water mains are laid in the roads.

37. The amount of Rs. 2,900 has been reserved from the sanctioned grant to meet the cost of these works.

4.—PAREL SEWERAGE WORKS (GRAVITATION PORTION).

CONTRACTORS—MESSRS. MISTRI, BHEDWAR, VACHAGHANDI & Co.

38. The contract period for the completion of these works was 6 months, which expired on 31st May 1895. The time was extended by one month, but the works were not completed even within the extended period. They were, however, finished on 17th April 1896, with the exception of a very few defects, which were not satisfactorily remedied until the end of November 1896.

39. The final bill, which amounted in gross to Rs. 49,659, as against the contract amount of Rs. 51,704, was submitted to the Commissioner in January 1897.

40. The Standing Committee, as per their Resolution No. 616, dated 14th April 1897, accorded sanction to the variation of the contract whereby the time for the completion of the works was to be taken as 17th April 1896, and the cost of the extra establishment (Rs. 1,559), retained on account of the non-completion of the work by the 30th June 1895, was recovered from the final bill.

41. The total expenditure passed to the end of the financial year was as follows :—

	Rs.	a.	p.
Establishment	6,695	2	0
Contingencies	2,667	7	9
Work	45,705	13	1
Road Repairs	3,059	6	5
Total Rs. ...	58,137	13	3

5.—MAZGAON SEWERAGE WORKS (GRAVITATION PORTION).

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALLI & Co.

42. These were commenced on 24th November 1895 and the progress is satisfactory. The contract period for completion expires on 24th November 1897, and there is no reason at present to apprehend that they will not be completed by that date.

43. The total sanctioned grant for the works amounts to Rs. 3,32,661, and the total expenditure passed to the end of the financial year amounted to Rs. 2,32,945-9-6, as detailed below :—

	Rs.	a.	p.
Establishment	27,034	8	11
Contingencies	3,402	13	1
Work	1,85,489	8	2
Road Repairs	17,018	11	4
Total Rs. ...	2,32,945	9	6

7.—MALABAR HILL AND KHAMBALA HILL SEWERAGE WORKS (GRAVITATION PORTION).

CONTRACTOR—MR. SAYAJI NAGUJI.

44. These works were commenced on 1st December 1895 and were completed in the beginning of January 1897. The contract period for completion, which was eighteen months, expired on 31st May 1897, and it is very creditable to the Contractor that he finished the work five months before the termination of the contract period.

45. The final bill was under preparation at the close of the year.

46. The total sanctioned grant for these works amounts to Rs. 1,57,026 and the total expenditure passed to the end of the financial year amounts to Rs. 1,21,061-0-3 as under :—

	Rs.	a.	p.
Establishment	12,401	12	0
Contingencies	983	2	4
Work	1,00,624	13	3
Road Repairs	7,051	4	8
Total Rs. ...	1,21,061	0	3

NEW WORKS COMMENCED DURING THE YEAR.

7.—HOUSE DRAINAGE CONNECTIONS (STREET PORTIONS) IN THE COLABA DISTRICT.

47. The Commissioner having decided that the Municipal or street portions of the house drainage connections in the Colaba District should be carried out by the Special Drainage Department, I prepared a schedule of rates for the various items of the work and sent a copy to several contractors and plumbers, requesting them to submit offers.

48. Three offers were received, of which that of Mr. Palonji Edalji, Plumber, being the most advantageous, was accepted by the Commissioner as per his No. 15232, dated 31st October 1896, and the work was immediately started. The contract was executed on 12th November 1896.

49. At the end of February 1897 the Contractor had completed the street portions of the drains for 53 houses, costing nearly Rs. 3,000, the amount originally fixed for the contract.

50. As the Contractor had done the work satisfactorily, it was considered that it would not be advantageous to the Municipality to invite fresh offers for the remaining houses at Colaba at a period when labour was scarce on account of the Plague raging in the city. Accordingly the Standing Committee sanctioned, by their Resolution No. 13257, dated 3rd March 1897, a variation of the contract, whereby the work of completing the remainder of the street portions of the house-connections at Coloba was entrusted to Mr. Palonji at his schedule rates.

51. The progress of the work is satisfactory, and the street portions of connections are completed, as plans showing the drainage required for the various houses are furnished by the ordinary Drainage Department.

8.—FERGUSSON ROAD AND CHINCHPOKLI DISTRICT (GRAVITATION PORTION).

CONTRACTOR—MR. SAYAJI NAGUJI.

52. The Corporation sanctioned the carrying out of these works on the 30th January 1896, but no tenders were then invited, as the season had too far advanced to allow of the works generally being commenced before the rains. It was, however, most important that the 18″ pipe sewer in DeLisle Road in connection with this sewerage district should be laid at once, so that it might be completed before the South West Monsoon and afford a much needed relief to the old DeLisle Road pipe sewer which at times is surcharged.

53. The work was entrusted to Messrs. Sulemanji Mulla Abdulali & Co. in extension of their contract for the Mazgaon Sewerage Works under the Standing Committee's Resolution No. 1534, dated 13th May 1896.

54. An order to commence the work was given on the following day, and the Contractors were requested to complete the work within four weeks. As, however, there was a serious delay in the supply of 18″ stone-ware pipes and 18″ metal flaps the work could not be completed within that period. The excavations were all ready and the pipes were laid as soon as they were received on the works. The cost of the work amounted to Rs. 17,642.

55. Tenders for the remainder of the work, returnable on 12th February 1897, were invited on 27th January, and two tenders were received in response as follows:—

Mr. Sayaji Naguji	Rs. 56,000
Messrs. Sitaram Lakshman & Co.	„ 56,005

56. The tender of Mr. Sayaji Naguji was recommended, and was accepted under the Standing Committee's Resolution No. 13268, dated 3rd March 1897. The contract was executed on 24th March 1897 and in order to commence the work was given the same day.

57. The work progressed satisfactorily before the burst of the rains. The contract period for completion is twelve months.

58. This contract includes a 9″ pipe sewer in the eastern part of Fergusson Road separately estimated for by the Drainage Department.

The estimated amount for this sewer is	Rs. 6,500
The estimated amount for the general scheme as prepared by my Department is	„ 81,617
Total Grant ...	Rs. 88,117

59. The expenditure passed to the end of the financial year amounts to Rs. 23,992-0-6 as follows :—

	Rs.	a.	p.
Establishment	3,605	14	7
Contingencies	783	10	1
Work	17,709	10	0
Road Repairs	1,892	13	10
Total Rs. ...	23,992	0	6

9.—DRAINING STORM-WATER FROM THE PUBLIC ROADS AROUND THE MAHALAKSHMI DHOBIWADA.

60. The Corporation sanctioned the execution of this work out of savings from different Loan Works at a cost of Rs. 1,415, as per their Resolution No. 12919, dated 6th February 1896.

61. The work was entrusted to the Petty Work Contractors, Messrs. Sulemanji Mulla Abdulali & Co., and an order to commence was given to them under my No. S. D.-3529, dated 11th January 1897. The work was practically completed at the end of February, the only exception being some minor defects which were afterwards satisfactorily remedied.

62. The final bill amounted to Rs. 1,134-8-6, and the total expenditure to Rs. 1,152-5-1, as against the sanctioned grant of Rs. 1,415 thus showing a saving of Rs. 262-10-11.

10.—LAYING 9" PIPE DRAINS FOR THE CARRIAGE OF STORM-WATER TO THE SEA FROM THE SOUTHERN PART OF WODEHOUSE ROAD.

63. The Corporation sanctioned a grant of Rs. 2,008 for this work out of savings from different Loan Works, as per their Resolution No. 12920, dated 6th February 1896.

64. The work was entrusted to the Petty Work Contractors, Messrs. Sulemanji Mulla Abdulali & Co., and an order to commence was given them under my No. S. D.-2990, 10th November 1896. The work was completed about the middle of February 1897.

65. The final bill was passed for Rs. 1,883-4-4, and the total expenditure amounted to Rs. 1,992-1-3, as against the grant of Rs. 2,008, thus showing a saving of Rs. 15-14-9.

WORKS SANCTIONED BY THE CORPORATION BUT NOT COMMENCED DURING THE YEAR.

11.—OLD RACE COURSE SEWERAGE DISTRICT (GRAVITATION PORTION).

CONTRACTORS—MESSRS. SULEMANJI ALI MAHOMED & CO.

66. Tenders, returnable on 23rd March, were invited on the 9th March 1897.

67. The only tender received was one from Messrs. Sulemanji Ali Mahomed & Co., amounting to Rs. 35,846, as against the office estimate of Rs. 37,187, and it was accepted under the Standing Committee's Resolution No. 635, dated 14th April 1897. The contract was executed on 19th June 1897, and an order to commence the work was given the same day.

68. This contract includes a 9″ pipe sewer with man-holes, vent-shafts and automatic flush tanks in a portion of Bapty Road. This, together with a 9″ pipe sewer in the eastern part of Fergusson Road, was included in Resolution No. 12557, dated 30th January 1896, of the Corporation sanctioning the sewerage of the Fergusson Road and Chinchpokli District (Gravitation Portion), but it was not comprised in the contract for the Fergusson Road and Chinchpokli Sewerage District because I considered it more advisable to include it in the contract for the Old Race Course sewerage district on account of its comparative proximity to the latter district.

69. The total grant for the works stands as follows :—

Sewerage of old Race Course District	Rs. 40,815
6″ pipe sewer in Bapty Road	„ 5,455
Total	Rs. 46,270

12.—IMPROVEMENTS OF THE ROAD-SIDE DRAINS WITH MASONRY GULLIES IN THE KHETWADI DISTRICT.

70. The Corporation expressed the opinion in their Resolution No. 7679, dated 21st October 1895, that it was very desirable to improve the open side-drains of Khetwadi, which, owing to their defective gradients, formed a series of puddles and created a nuisance highly detrimental to the health of the people living in that locality.

71. The scheme, as at first proposed, was estimated to cost Rs. 90,970, and the Corporation under their Resolution No. 12916, dated 6th February 1896, in sanctioning the scheme, passed a grant

of Rs. 50,000 to meet the expenditure on account of the same during 1896-97. An alternative scheme, estimated to cost Rs. 54,486, was, however, subsequently sanctioned by the Corporation under their Resolution No. 7223, dated 19th October 1896, and the extra amount of Rs. 4,486, to meet the difference between the original grant of Rs. 50,000 and the latter estimate, was sanctioned under the Corporation Resolution No. 7945, dated 9th November 1896.

72. Tenders, returnable on 29th March 1897, were invited on 16th March, and three tenders were received in response as follows :—

Mr. Sayaji Naguji	Rs. 48,510
Messrs. Sulemanji Mulla Abdulali & Co. ...	,, 47,179
Messrs. Vithul, Sayana & Co.	,, 43,313

73. The lowest of the three tenders, *viz.*, that of Messrs. Vithal, Sayana & Co., was accepted under the Standing Committee's Resolution No. 638, dated 14th April 1897. The contract was executed on 19th May 1897 and an order to commence the work was given on the same day.

74. The work is in hand and the progress is satisfactory.

13.—OVOIDING SIDE-DRAINS IN GIRGAON ROAD.

75. The Corporation sanctioned the carrying out of this work under their Resolution No. 12918, dated 6th February 1896, at a cost of Rs. 15,588 payable from savings on different Loan Works.

76. Tenders, returnable on 25th January 1897, were invited on the 13th January 1897. Two tenders were received as follows :—

Messrs. Punjaji Makaji & Co.	Rs. 14,418
Mr. Sayaji Naguji	,, 12,382

77. The lower tender, that of Mr. Sayaji Naguji, was accepted by the Standing Committee under their Resolution No. 11847, dated 3rd February 1897, at Rs. 12,382.

78. The contract was executed on the 24th March 1897 and an order to commence the work was given on the same day.

79. The contract period for completion is five months, which expires on 25th August 1897.

80. The progress of the work was satisfactory and the whole was practically completed before the rains set in.

14.—MASONRY DRAIN FROM GIRGAON ROAD PASSING THROUGH THE NIGHT-SOIL DEPOT LANE AND ACROSS MATHEW ROAD AND THE B. B. &. C. I. RAILWAY TO BACK BAY.

81. The Corporation sanctioned the carrying out of this work at a cost of Rs. 23,678, under their Resolution No. 12917, dated 6th February 1896, out of savings in different Loan Works.

82. Tenders for the work will be invited towards the end of the South-West Monsoon and the work will be commenced immediately after. The preliminary arrangements, as regards permission for laying the drain under the B. B. & C. I. Railway and through the Government ground, have been made.

15.—OPENING OUT THE WATER-COURSE TO THE WEST OF MR. KAMA'S PROPERTY, PAREL ROAD, AND CONSTRUCTING A COVERED DRAIN THEREAT.

83. The Corporation by their Resolution No. 12921, dated 6th February 1896, sanctioned a grant of Rs. 7,629, for carrying out this work out of savings from different Loan Works.

84. The work consisted of (*a*) opening out the water-course to the west of Mr. Kama's premises, and (*b*) the construction of a covered drain in the passage running north and south at the west end of Parel Road Cross Lane.

85. Mr. Kama objected to the execution of the work described in item (*a*), on the ground that the strip of land now serving as a water-course was a public road over which the people in the neighbourhood had a right of way, and threatened legal action in case the Municipality persisted in doing the proposed work. The matter was referred to the Municipal Solicitors, and under their advice the work has been postponed.

86. As regards the work in item (*b*), offers were invited from different contractors, but only two offers were received—one from Messrs Sulemanji Mulla Abdulali & Co. and the other from Mr. Sayaji Naguji. The offer of the latter, being the lower, was accepted under the Standing Committee's Resolution No. 1891, dated 19th May 1897, at the amount of Rs. 3,408-1-7.

87. The contract was executed on 19th May 1897 and an order to commence the work was given on the same day. The progress of the work has been very satisfactory and was completed before the middle of June 1897. The final bill, which is in preparation, will be passed in due course.

16.—STORM-WATER DRAIN WITH WATER-GULLIES IN RAMPART ROW OPPOSITE THE ELPHINSTONE COLLEGE.

88. The carrying out of this work was sanctioned by the Corporation under their Resolution No. 12033, dated 4th February 1897, at a cost of Rs. 5,550, to be met from savings in different Loan Works.

89. The work has been entrusted to Messrs. Sulemanji Mulla Abdulali & Co., Contractors for the Wellington Fountain Storm-water Drain, and is in progress.

17.—STORM-WATER DRAIN, WODEHOUSE ROAD, NEAR THE Y. M. C. A. BUILDINGS.

90. The Corporation sanctioned the carrying out of this work under their Resolution No. 12033, dated 4th February 1897, at a cost of Rs. 5,977, to be met from savings in different Loan Works.

91. The work was entrusted to Messrs. Sulemanji Mulla Abdulali & Co., the Contractors for the Wellington Fountain Storm-water Drain.

SUPPLY OF STONEWARE PIPES AND FITTINGS, IRON ARTICLES AND CEMENT.

92. The supply of stoneware pipes and fittings for the Gravitation Portions of the Mazgaon and the Malabar Hill and Khambala Hill Sewerage Works under the contract with Messrs. Richardson & Cruddas, dated 8th January 1896, was deliverable in six instalments. The first instalment was due on 15th February 1896 and the sixth and last on the 15th July 1896. Though the delivery of the supply was commenced in the first week of January 1896, that is, a month before the contract time, the supply generally was very irregular, and the short quantities delivered were not sufficient to meet the immediate requirements. The consequence was a serious inconvenience to the works, which practically came to a standstill for a few days. The total supply was, however, delivered before the expiration of the contract time.

93. There was a great delay in the supply of 18″ stoneware pipes and 18″ metal flaps urgently required for the 18″ pipe sewer in DeLisle Road, which in consequence could not be completed before the South-west Monsoon of 1896.

94. The stoneware pipes and fittings for the sewerage of the Fergusson Road and Chinchpokli and the Old Race Course (Gravitation) Districts and for the Bapty Road pipe sewer which were ordered from Messrs. Richardson and Cruddas in extension of their contract dated the 8th January 1896, were delivered in due time.

95. Tenders returnable on 21st December 1896 for the supply of 26" C. I. pipes, 26" × 6" C. I. junctions and 26" C. I. flap pipes required for the Fergusson Road and Chinchpokli Sewerage District were invited on 25th November 1896. Four tenders were received as under :—

Burn & Co.	Rs.	30,378
George Service & Co.	„	29,870
John Fleming & Co.	„	29,417
Richardson & Cruddas	„	28,350

96. The lowest tender, that of Messrs. Richardson and Cruddas, was accepted under the Standing Committee's Resolution No. 10080, dated 30th December 1896, at the amount of Rs. 28,350. The contract was executed on 29th January 1897 and an official order was given on the same day.

97. The supply of these pipes was deliverable in two equal instalments, the first being due 2½ months from the date of the order, and the other a fortnight later—that is, the whole of the supply was deliverable in three months.

CEMENT.

98. The cement required for all the works mentioned in this report was obtained from the Deputy Executive Engineer, Drainage, during the year, previous intimation having been given to him, from time to time, of the requirements of this Department, to enable him to keep a sufficient stock in hand.

Annual Report of the Colaba Compressor Station for 1896-97.

1 The Shone System has worked uniformly well and satisfactorily during the year 1896-97. It has not yet been possible to work up to full power owing to the comparatively small number of houses connected to the sewers and the consequently small volume of sewage to be lifted.

2. Some doubts having been expressed as to the efficiency of the Colaba works, and a question having been raised as to whether house-connections could and should be made at once, the Commissioner, in June 1896, requested the Executive Engineer to investigate the matter and to "report upon the situation."

3. The Executive Engineer made a full investigation and in a report to the Commissioner, dated 28th August 1896, arrived at the following conclusions :—

4. There is no apparent defect in the "Shone System of sewage at Colaba, the system is not unworkable during any season of the year, and there appears to be no objection to the house-connections at Colaba being carried out."

5. In the same report he made the following recommendation :—

"It would be more satisfactory and conducive to the proper working of the system if the same were placed in charge of the Special Drainage Engineer until all the house-connections are finished."

6. The Commissioner then issued orders directing me to take over charge of the Shone System at Colaba from 1st September 1896, and remarked as follows :—

"It is very satisfactory to the Commissioner to find that, as far as can be ascertained, not only is there no real cause for alarm as to the final success of the works when fully tested, but, on the contrary, that they are working smoothly, easily, and fully answer the expectations of the Special Drainage Engineer . . . . . Under all circumstances I consider that the best course for the present will be to put the Shone System at Colaba under the charge of the Special Drainage Engineer, as from his long connection therewith he is in a better position at present to supervise its working."

7. On September 1st the System in all its details, which during the previous months of the year had been in the charge of the Deputy Executive Engineer, Drainage, was accordingly handed over to my Department.

8. On May 2nd, Mr. Hewett proceeded on three months' leave, and during his absence Mr. H. Holmes, Assistant to the Municipal Commissioner, acted for him and supervised the working of the Compressor Station.

9. On July 23rd a somewhat serious mishap occurred at the underground ejector station No. 2. It would appear that one of the covers of the ejector valve chambers was carelessly opened out before the sluice valve controlling the admission of sewage was properly closed.

10. The consequence was that the sewage quickly filled the ejector chamber and prevented either the valve being closed or the cover replaced.

11. The 4" centrifugal pump, belonging to the Workshops, was brought on to the spot, but it was unable to cope with the flow of sewage. A 6" pump and portable engine was then set up, and was successful in emptying the ejector chamber the next day and allowing the men to get down and rectify the mistake that had been made.

12. The Corporation under their Resolution No. 2272, dated 11th June 1896, sanctioned a grant of Rs. 3,169, from the Surplus Cash Balance to meet the cost of an electric light installation for the Compressor Station, and of Rs. 547-8-0 for the annual lighting charges.

The engine for working the same was supplied by Messrs. Macbeth Brothers & Co., at a cost of Rs. 525 and the dynamo by Mr. J. B. Foster at Rs. 775. The work of supplying and fixing the fittings and erecting the engine and dynamo complete was entrusted to the Municipal Workshops at a cost of Rs. 1,869.

13. The installation consists of eighteen 16-candle-power lamps and six of 32-candle-power, but was not quite completed by the end of the year.

14. A want having been conceived of some means of knowing at the Compressor Station when the ejectors in the various underground stations might fail in their work, Mr. Hewett designed an automatic electric tell-tale arrangement to give warning to the Engineer at the Compressor Station in the event of any such failure.

15. Though the ejectors are automatic in their action, they are, of course, liable to break down occasionally like any other class of machinery.

16. I approved of the design, and, having recommended it, the Corporation under their Resolution No. 2270, dated 11th June 1896, sanctioned a grant of Rs. 712-4-3 to the debit of the Surplus Cash Balance to meet (*a*) the cost (Rs. 356-0-3) of fitting up, by the Municipal Workshops, of electric tell-tales in the inlet manholes of the several ejector stations, and (*b*) the charges (Rs. 356-4-0) up to the end of the official year of working the same by the Bombay Telephone Company calculated at an annual rental of Rs. 475.

17. The Corporation at the same time sanctioned an agreement for two years being entered into with the Bombay Telephone Company for the purpose.

18. The Telephone Company completed their part of the work on 23rd January 1897 which dates the commencement of their contract for the working of the tell-tale system.

19. The work entrusted to the Workshops has been completed at Nos. 1 and 2 ejector stations and the apparatus is in action there and working satisfactorily.

20. The work at No. 3 station is in hand.

21. As Nos. 4 and 5 stations are not yet at regular work owing to the entire absence of any connections to the sewers in their respective districts they will not be coupled up to the tell-tale system for the present.

22. A small Worthington donkey pump for supplying feed-water to the boilers was purchased from Mr. F. W. Shallis at a cost of Rs. 280, which was met by a transfer from the coal grant. This

pump was obtained owing to the pumps supplied with the plant being of rather too large a size, and the difficulty of delivering a continuous feed to the boilers with these pumps was accentuated by the fact that the boilers have not yet been required to work up to anything like their full power.

23. A 6" double-barrel hand pump for use in the event of any of the underground pipes requiring attention during the South-West Monsoon was purchased from Messrs. Sulemanji Mulla Abdulalli and Co. for Rs. 300, the cost being met from the grant for stores and contingencies.

24. 500 square feet of silicate boiler cloth for more efficiently lagging the boilers was purchased from Mr. W. C. Rowe for Rs. 406-4-0. The cost of this item also was met from the same grant.

25. The Compressor Station, with its contents, has been insured to the amount of Rs. 1,50,000 with the following companies :—

London and Lancashire Fire and Life Insurance Co.	Rs.	1,00,000
The Atlas Assurance Co....	„	50,000
	Total Rs.	1,50,000

26. The amount of the total premia and stamp charges payable on the above amounting to Rs. 150-4-6 was met from the stores and contingency grant.

27. 230 tons of Cardiff coal was purchased during the year at an average of Rs. 22 per ton. This rate was Rs. 2 per ton higher than the Budget Estimate, but as the estimated quantity was not consumed owing to the station not working up to full power, there resulted a saving of Rs. 3,096-1-10 on the grant.

28. A saving of Rs. 450-0-10 under the grant for Repairs to Machinery, and one of Rs. 848-12-10 under the grant for Water-supply were also due to the same cause.

29. It is not yet possible to prepare an accurate statement of the cost of raising sewage under this system, for though counters were fixed to the ejectors during part of the year under review, they did not in all cases give accurate readings.

30. The improvement of them so as to ensure absolutely correct readings is under consideration.

31. Even if it were known beyond the possibility of dispute what amount of sewage had been lifted during the year, it would not be fair to the system to calculate the cost on the present basis of work, as the engines are always running considerably below their economical load.

32. The following statement shows the grants under the several budget heads for the maintenance of the Station and the actual expenditure incurred under each head:—

Sections.	Particulars.	Budget grants including transfers and renewed grants.	Expenditure.
		Rs. a. p.	Rs. a. p.
1	Establishment	6,876 0 0	6,570 13 4
2	Coals	14,320 0 0	11,223 14 2
3	Repairs to machinery...	1,000 0 0	549 15 2
4	Contingencies and stores	2,680 0 0	2,559 0 11
5	Repairs to buildings	200 0 0	23 8 5
6	Telephone connection...	275 14 8	188 6 8
7	Water supply	1,566 15 8	718 2 10
8	Lighting by Electricity	3,169 0 0	1,300 0 0
	Total Rs....	30,087 14 4	23,133 13 6

K.—FIRE BRIGADE.

The Establishment has been upheld in a state of efficiency during the year, and all appliances are in good condition and thorough working order.

No case of loss of life by fire where the Brigade was concerned has occurred during the year.

Several members of the Brigade have received injuries in the execution of their duty, all of whom have recovered, with the exception of Engineer Shaik M. Bagdadi, who, in consequence of permanent injuries caused by being thrown from an engine which fell into a road excavation when proceeding to a fire on the 24th March, has been invalided from service and recommended to the Corporation for pension from the 1st of December.

The water-supply at fires has been satisfactory in all cases, and the attendance of the Water Works Staff has been prompt and of great assistance to the Brigade.

Seven men have been attacked with the bubonic plague, out of whom three have died. On the whole, however, the Staff have maintained fairly good health, considering their services have been daily engaged in flushing gullies in the most infected districts of the City during the prevalence of the disease.

The inspection of hydrants throughout the City has been carried out by the Brigade in a systematic manner during the year.

The Fire Service at the Municipal Offices has been maintained in good working order, and the employés have several times been drilled in the use of the appliances. The fire appliances at the several Municipal Markets have also been frequently inspected and cleaned.

Four horses have been purchased during the year in place of two sent to Pinjrapol, one that died, and one that was sold by public auction.

An order for 2,880 feet of delivery hose, suctions for steamers, &c., was satisfactorily executed by Messrs. Richardson and Cruddas in the month of December.

Provision has been made in the ensuing year's Budget for a supply of 4,860 feet of hose to replace other condemned and sold in the year 1895-96; a supply of suctions for steamers, hose washers, &c., has also been arranged for in the same Budget.

Owing to the continual work of flushing gullies, &c., a large quantity of hose and several suction pipes have become unfit for further use, and have been condemned; 50 additional lengths of hose were supplied during the year to replace a portion of the same, and a further supply of 50 lengths of hose, suctions for steamers, &c., has so been arranged for during the ensuing year.

An additional horse has been purchased for use by the Plague Committee, as, owing to the Fire Brigade Brake having been placed at their disposal, the number of spare horses was found insufficient for the work ; a spare Coachman and Groom and three Mochis have also been temporarily engaged to combat with the additional work, the cost of the whole being debited to the Special Grant for Suppression of the Plague.

From the 24th September until the end of the year, the Corporation were pleased to sanction an extra allowance of one-fourth of the pay to the whole Staff, from Foremen downwards, in recognition of the effective service rendered in connection with the special measures for suppressing the Plague.

The new Steam Fire Engine Station at Babula Tank Road was completed and occupied on the 1st of May, and the old Engine-house and Foreman's Quarters at Pydhoni were closed on the same date.

The Head Quarters Station, Foreman, Engineer and Lascars' Quarters at Sankli Tank were occupied on the 29th December, when the rented quarters at Nesbit Lane were vacated. The Chief Officer also entered into occupation of his quarters at the above station on the same date, and his former residence—Grant House, Esplanade,—was taken over by Mr. Hewett, the Assistant Executive Engineer, Mechanical Branch.

An addition of 11 men has been provided in the ensuing year's Budget, to commission a spare steamer at the Sankli Tank Station ; quarters for the men, however, will have to be provided before they can be engaged. Provision for six additional men has also been made in the same Budget, to complete the Staff at each Manual Station.

The present strength and equipment of the Brigade is as follows :—

Strength.

1 Chief Officer,	12 First Class Tindals,
1 Surgeon,	6 Second do. do.
1 Clerk,	102 Firemen of grades,
1 Head Foreman,	7 Drivers,
5 Foremen,	7 Grooms,
6 Engineers,	

making a total of 149, including all ranks.

Equipment.

8 Steam Fire Engines,	6 Telescopic Fire Escapes,
9 Manual do. do.	1 Brake,
16 Hose Reels,	15 Horses,
7 Tender Carts,	

220 lengths of Delivery Hose, comprising about 13,200 feet, and other necessary fire-extinguishing appliances.

The distribution of Engines, &c., is as under :—

No.	Stations. Name.	Engines. Steamers.	Engines. Manuals	Hose Reels.	Tender Carts.	Fire Escapes.	Brakes.	Horses.	Delivery Hose.	Foremen.	Engineers.	First Class Tindals.	Second Class Tindals.	Firemen of Grades.	Drivers.	Grooms.	Remarks.
1	Byculla	3	3	3	1	1	1	6	50	1	1	1	1	12	2	2	
2	Gowalia Tank	1	...	2	1	1	...	2	22	1	1	1	1	12	1	1	
3	Chinchpokli	1	...	1	1	1	...	2	22	1	1	1	1	12	1	1	
4	Babula Tank	1	...	2	1	1	...	2	22	1	1	1	1	12	1	1	
5	Fort	1	...	1	1	1	...	2	22	1	1	1	1	12	1	1	
6	Colaba	1	...	1	1	1	...	2	22	1	1	1	1	12	1	1	
7	Malabar Hill	...	1	1	...	...	...	...	10	...	...	1	...	5	...	...	
8	DeLisle Road	...	1	1	...	...	...	...	10	...	...	1	...	5	...	...	
9	Mahim	...	1	1	...	...	...	...	10	...	...	1	...	5	...	...	
10	Dadar...	...	1	1	...	...	...	...	10	...	...	1	...	5	...	...	
11	Mazagon	...	1	1	...	...	...	...	10	...	...	1	...	5	...	...	
12	Bhuleshwar	...	1	1	1	...	...	...	10	...	...	1	...	5	...	...	
	Total... ...	8	9	16	7	6	1	16	220	6	6	12	6	102	7	7	

The number of calls to fires, or supposed fires, received during the year has been 126. Of this number 32 were reported by the Police, but did not require the attendance of the Brigade; the remaining 94 involved the turning out of engines and men, and resulted in 4 false alarms and 90 fires, 58 of which were extinguished by Brigade appliances, and 32 before the arrival of the Brigade. (See tables Nos. 1 & 2.)

The estimated damage to property during the year has amounted to Rs. 18,75,662, showing a decrease of Rs. 1,65,909 as compared with the preceding year. (See table No. 3.)

The amount of damage to property at the 58 fires extinguished by Brigade appliances is estimated at Rs. 18,69,837 whilst, the property in imminent risk of becoming involved at these fires has been rated at Rs. 96,17,604. (See tables Nos. 2 & 4.)

The estimated damage to insured property has been Rs. 18,54,752, whilst that to uninsured property has been Rs. 20,910.

The estimated quantity of water used for extinguishing fires during the year has been 1,976,120 gallons, or about 8,821 tons; of this quantity 1,806,920 gallons were taken from the street mains and 169,200 gallons from the sea, wells, and tanks. (See table No. 5.)

The fires of 1896-97 show a decrease of 8 under the fires of 1895-96, but compared with the average of the past ten years an increase of 17.

The fire of the year, that at the Old Nicol Mill, Colaba, on the 1st of November, at which property to the estimated extent of Rs. 13,18,190 was destroyed, was proved to have been caused by an incendiary, and the delinquent was sentenced to a term of imprisonment. This fire was extinguished by the aid of all the Brigade's working steamers, six in number. Great fear was entertained for a number of hours after the outbreak for the safety of Grant's Buildings and the Fort Press, but although the heat was of such intensity that a number of windows in Grant's Buildings were cracked, and paintwork scorched, and the roof of the Press frequently ignited, the Brigade were successful in saving these properties, but not until after the engines and men had been working incessantly for over fourteen hours was the fire got in hand. The remaining fires worthy of note were as follows:—

April 22nd, at Colaba Cotton Green, a large number of pressed and unpressed bales of cotton were severely damaged by fire and

water. A strong wind prevailing at the time of the outbreak, caused the flames to spread rapidly, and 4 steamers and hydrants had to be brought into use before the fire was controlled, the estimated damage being Rs. 1,25,000.

On April the 25th the upper floor and contents of the Alliance Mill was damaged to the extent of Rs. 70,000. The fire was extinguished by the aid of 2 Brigade steamers and private appliances.

On August the 12th the engine room and contents of the S. S. "Naderi" was very badly damaged by fire and heat to the extent of Rs. 15,000, and was extinguished by the Brigade with Dock hydrants.

On October 17th at Jairajbhai Street, a large ground floor godown was severely damaged by fire, and was extinguished by the aid of 3 steamers and 2 hydrants, after a damage of Rs. 16,500 had been caused.

On October 31st, the Brigade were called to a large mandap alight on the Kennedy Sea Face, erected for holding the Annual Matriculation Class ; on the arrival of the Brigade the whole structure, together with the contents, had been razed to the ground, and although 2 steamers were at once got to work on the blazing material, very little of the contents were saved and damage to the extent of Rs. 13,500 acorued.

At Duncan Road, on November 27th, a godown and contents was severely damaged, the fire being extinguished by 2 steamers, a damage of Rs. 15,200 accruing.

On January 12th an alarming fire occurred on the Esplanade Road at a Photographer's Studio, situated above a large block of buildings, and the flames from which led the occupiers of surrounding property to suppose that an extensive fire was in progress. The Brigade however, were quickly on the scene and succeeded in arresting the progress of the fire by the aid of 2 steamers and 3 hydrants, not, however, until damage to the extent of Rs. 7,500 had been caused.

A fire of alarming proportions occurred on the 4th of March, to a large mansion of three floors in Cowasji Patel Tank Road. On the arrival of the Brigade, the building was found to be well alight, but after 5 steamers and hydrants had worked for several hours the fire was eventually overcome, not however, until damage had accrued to the extent of Rs. 2,57,000.

The following tables are annexed :—

Table No. 1.—Attendance at fires.

Do. „ 2.—Statement showing by what means fires were extinguished.

Do. „ 3.—Summary of fires and estimated loss.

Do. „ 4.—Statement showing the estimated damage and property at risk at Fires extinguished by Fire Brigade appliances.

Do. „ 5.—Estimated quantity of water delivered at fires.

Do. „ 6.—List of causes of fires.

Do. „ 7.—Hourly summary of fires.

Do. „ 8.—Monthly summary of fires and annual loss for the period 1887-88 to 1896-97.

Do. „ 9.—List of fires where property to the extent of Rs. 2,000 and upwards was destroyed.

Table No. 1.

Attendances, &c., at Fires during the year 1896-97.

Month.	Fires attended by Brigade.	Fires extinguished by Brigade.	Fires extinguished before the arrival of Brigade.	Fires reported "Out" by Police.	Total Fires.
April	12	6	6	...	12
May	19	14	5	7	26
June	7	2	4	2	8
July	3	1	2	...	3
August	6	3	3	1	7
September	3	3	1	5	8
October	7	4	3	5	12
November	10	8	2	6	16
December	5	2	3	3	8
January	5	4	1	2	7
February	6	5	1	...	6
March	8	7	1	1	9
Total...	91	58	32	32	122

Table No. 2.

Statement showing by what means Fires were extinguished during the year 1896-97.

Month.	Steamers.	Manuals.	Hydrants.	Hand Pumps and Buckets.	Private Appliances	Total Fires.	REMARKS.
April	2	...	4	...	6	12	
May	...	...	10	3	13	26	
June	...	...	1	1	6	8	
July	...	...	1	...	2	3	
August	...	...	3	...	4	7	
September	...	...	2	...	6	8	
October	2	...	1	...	9	12	
November	1	1	3	3	8	16	
December	...	...	1	...	7	8	
January	1	...	3	...	3	7	
February	...	...	4	1	1	6	
March	1	...	3	3	2	9	
Total...	7	1	36	11	67	122	

Table No. 3.

Summary of Fires and Estimated Loss for the year 1896-97.

Month.	Serious Fires.	Slight Fires.	Total Fires.	Estimated Loss.
				Rs.
April	3	9	12	1,97,824
May	2	24	26	8,359
June	...	8	8	1,063
July	...	3	3	789
August	1	6	7	15,231
September	1	7	8	5,384
October	3	9	12	33,077
November	3	13	16	13,35,679
December	...	8	8	560
January	1	6	7	7,858
February	...	6	6	274
March	2	7	9	2,69,564
Total for 1896-97...	16	106	122	18,75,662
Total for 1895-96...	26	104	130	20,41,571
Total estimated decrease				1,65,909

Table No. 4.

Statement showing the Estimated Damage and Property at risk at Fires extinguished by the use of Brigade Steamers, Manuals and Hydrants during the year 1896-97.

Month.	Number of Fires extinguished by Brigade Steamers, &c.	Estimated Loss.			Property at Risk.		
		Rs.	a.	p.	Rs.	a.	p.
April	6	1,95,305	0	0	76,67,145	0	0
May	14	8,275	0	0	10,24,145	0	0
June	2	805	0	0	38,195	0	0
July	1	786	0	0	786	0	0
August	3	15,225	0	0	2,86,475	0	0
September	2	5,350	0	0	62,450	0	0
October	4	32,950	0	0	16,450	0	0
November	8	13,33,828	0	0	17,717	0	0
December	2	400	0	0	2,100	0	0
January	4	7,725	0	0	32,475	0	0
February	5	174	0	0	5,780	0	0
March	7	2,69,014	0	0	4,03,886	0	0
Total...	.....	18,69,837	0	0	96,17,604	0	0

Table No. 5.

Estimated Quantity of Water delivered at Fires by Engines and Hydrants during the year 1896-97.

Month.	Mains.	Sea.	Wells and Tanks.	Total.
	Glas.			Gals.
April	394,100	...	.....	394,100
May	110,200	...	.....	110,200
June	24,000	...	.....	24,000
July	3,000	...	.....	3,000
August...	520	...	.....	520
September	24,880	...	.....	24,880
October	104,200	...	.....	104,200
November	773,520	162,000	7,200	942,720
December	2,400	...	.....	2,400
January	14,000	...	.....	14,000
February	4,000	...	.....	4,000
March	352,100	...	.....	352,100
Total Gallons	1,806,920	162,000	7,200	1,976,120
Total Tons & Gallons	8,066+136	723+48	32+32	8,821+216

Table No. 6.

List of Causes of Fires for the year 1896-97.

Causes.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.
Candle	...	...	...	...	...	...	...	1	...	...	...	...	1
Careless smoking ...	1	3	...	..	...	...	...	1	...	...	...	1	6
Do. use of fire ...	4	2	1	...	1	3	1	3	2	1	1	1	20
Do. do. kerosine lamp.	...	2	1	...	1	...	...	1	...	1	...	1	7
Do. do. matches..	1	...	...	...	...	...	...	...	...	...	...	...	1
Do. do. oil lamp.	1	2	1	2	2	...	1	...	1	1	...	...	11
Distilling Retort bursting.	...	...	1	...	...	...	...	...	...	...	...	...	1
Doubtful	...	...	...	...	...	...	...	...	...	1	...	...	1
Escape of gas	...	...	...	...	1	...	...	...	...	...	...	...	1
Fat boiling over ...	...	...	...	...	1	...	...	...	...	...	...	...	1
Friction of machinery..	1	...	...	...	...	...	2	1	1	...	...	...	5
Kerosine lamp exploding.	...	1	...	...	...	...	...	...	...	...	..	1	2
Do. do. upset...	...	1	1	1	...	...	1	...	...	1	...	...	5
Letting off fireworks ...	...	...	...	...	...	...	...	1	...	...	...	...	1
Light thrown down ...	1	6	...	...	...	1	1	6	2	..	3	3	23
Overheat of stove-pipe...	...	...	1	...	...	...	...	...	...	...	...	...	1
Stone in Machinery ...	1	...	...	...	...	...	...	...	...	...	...	1	2
Spark from chimney ...	...	...	1	...	...	...	1	...	...	...	...	...	2
Do. fire... ...	...	1	...	...	...	2	...	...	1	...	...	...	4
Do. locomotive...	...	...	...	...	...	...	...	...	...	...	1	...	1
Spontaneous combustion	...	3	1	...	...	...	...	...	...	...	...	...	4
Tar boiling over ...	...	2	...	...	...	...	1	...	...	...	...	...	3
Unknown	2	3	...	...	1	2	4	2	1	2	1	1	19
Total	12	26	8	3	7	8	12	16	8	7	6	9	122

Table No. 7.

Hourly Summary of Fires for the year 1896-97.

Hours.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total Fires.
A.M. 1st...	2	1	...	...	1	...	...	2	...	1	...	1	8
2nd...	...	...	...	1	...	...	1	1	...	1	...	1	5
3rd...	...	5	...	...	...	1	...	...	...	...	1	1	8
4th...	...	...	...	...	...	...	...	...	1	...	...	...	1
5th...	...	1	...	...	...	...	...	1	...	1	...	...	3
6th...	...	3	...	...	1	...	...	1	...	...	...	1	6
7th...	...	...	...	...	...	...	...	1	...	...	...	...	1
8th...	1	1	...	...	...	...	...	1	...	...	...	...	3
9th...	1	1	...	...	...	...	1	...	...	...	...	...	3
10th...	...	1	1	...	...	...	...	...	...	1	1	1	5
11th...	...	...	...	...	...	...	...	...	...	...	...	...	0
12th...	...	1	...	...	...	...	...	1	1	...	...	...	3
P.M. 1st...	2	...	...	...	1	...	...	...	2	1	...	...	6
2nd...	...	2	1	...	...	2	2	1	1	...	1	...	10
3rd...	2	...	1	...	...	1	2	1	...	...	...	...	7
4th...	...	...	...	...	...	...	1	..	..	...	...	1	2
5th...	...	3	....	...	...	1	2	...	...	...	1	...	7
6th...	...	...	...	...	...	...	...	2	...	...	...	...	3
7th...	1	2	...	...	...	...	1	1	...	1	...	...	6
8th...	...	...	3	...	1	2	...	...	...	...	1	1	8
9th...	1	...	1	1	2	...	1	1	1	1	...	1	10
10th...	2	2	1	...	1	...	...	1	...	...	...	1	8
11th...	...	2	...	1	...	...	...	...	2	...	...	...	5
12th...	...	1	...	...	...	...	1	1	...	...	1	...	4
Total ...	12	26	8	3	7	8	12	16	8	7	6	9	122

Table No. 8.

Monthly Summary of Fires and Annual Losses for the period 1887-88 to 1896-97.

Year.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total Fires.	Estimated Loss. Rs.	a.	p.
1887-88 ...	5	9	4	7	3	3	8	6	11	3	6	5	70	10,46,931	12	0
1888-89 ...	8	7	2	1	7	4	7	6	10	7	13	14	86	7,65,766	1	0
1889-90 ...	7	6	5	7	2	2	3	13	10	11	14	8	88	22,62,121	2	0
1890-91 ...	11	13	9	8	3	4	9	9	10	13	16	15	120	22,92,675	10	0
1891-92 ...	6	10	8	2	5	7	11	13	19	14	16	16	127	75,903	0	0
1892-93 ...	8	12	10	9	4	8	12	15	17	11	17	19	137	3,18,599	0	0
1893-94 ...	14	8	9	3	3	2	14	15	11	13	16	12	120	6,77,128	0	0
1894-95 ...	7	12	7	3	8	4	3	6	10	16	12	9	97	2,25,445	0	0
1895-96 ...	15	10	11	9	2	3	9	12	24	13	9	13	130	20,41,571	0	0
1896-97 ...	12	26	8	3	7	8	12	16	8	7	6	9	122	18,75,662	0	0

Table No. 9.

List of Fires through which Property to the extent of Rs. 2,000 and upwards was destroyed.

Date.	Locality.	Description of property destroyed.	Estimated value of property destroyed.
1896.			Rs.
April 10th	Middle Colaba	Cotton press	2,500
„ 22nd	Cotton Green, Colaba	Pressed and unpreseed bales of cotton	1,25,000
„ 25th	Tardeo Road	Portion of "Alliance Mill" and contents	70,000
May 3rd	Cotton Green, Colaba	Half-pressed bales of cotton	2,500
„ 17th	Fergusson Road	Cotton yarn	2,000
August 12th	Prince's Dock	s.s. "Naderi" (Engine room and contents)	15,000
September 1st	Manson Road	Godown	5,200
October 17th	Jairajbhoy Street	Dwelling and godown	16,500
„ 31st	Chandan Wadi	Shops	2,900
„ 31st	Queen's Road	Mandap	13,500
November 1st	Arthur Bunder	Godown (Old Nicol Mill)	13,18,190
„ 27th	Duncan Road	Do.	15,200
1897.			
January 12th	Esplanade Road	Studio (Photographer's)	7,500
March 5th	Cowasji Patel Tank Road	Dwelling and Printing Press	2,57,000
„ 29th	Lower Colaba	Pressed bales of Cotton	11,600

RETURN

RETURN OF FIRES in the CITY of BOMBAY

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
1	1896. 1st April.	12-5 a.m.	Hospital Lane	Lalji Bhimji	Coal Merchant	Alibhoy Khambhoy...
2	3rd „	2-46 p.m.	Falkland Road.....	Vithul Devji	Private	Moorarji Dhurumsey.
3	„ „	9-23 „	Shaik Cumroodin Boodin Street (Grant Road).	Suliman Ahmed	Oil Merchant.....	Suliman Ahmed .....
4	10th „	12-30 „	Middle Colaba (Bombay Cotton Press).	P. M. Murzban	Cotton Merchant...	Bombay Cotton Press Co.
5	11th „	8-1 „	Kika Street, Bhuleshwar.	Sulimanji Noorbhoy...	Merchant	Goorji Amreth Kushall.
6	17th „	2-10 „	Jakeria Musjid St..	Mahomed Sali Mahomed.	Private	Gulam Mahomed Hadji Ebrahim.
7	20th „	12-30 „	Parel Cross Lane...	Bajibai	Wood Merchant ...	Krustnadass Moorardass.
8	22nd „	12-25 a.m.	Colaba (Cotton Green).	Bowani Lukmidass & others.	Cotton Merchants..	The Port Trust .....
9	25th „	6-45 p.m.	Tardeo Road (Alliance Mill).	Tapidass Vurjiwandass & Co.	Cotton Spinners ...	Tapidass Vurjiwandass & Co.
10	26th „	9-15 „	Colaba (Cotton Green).	Soonderji Cooverji ...	Cotton Merchant...	The Port Trust .....
11	27th „	7-50 a.m.	Ripon Road .....,	Rama Yessoo	Private	Fatima Bibi Mahomed Ameen.

OF FIRES.

from 1st April 1896 up to 31st March 1897.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Unknown	Bdg. and contents not insured.	By Police at 12-16 a.m.	By firemen with one hydrant.	From main at 12-25 a.m.	Part of a jowli shed and contents severely damaged by fire and water	200 0 0
Careless use of fire.	Bdg. insured; contents not insured.	By telephone at 2-48 p.m.	By inmates	Stored on premises.	Wooden partition damaged by fire on 4th floor.....	5 0 0
Careless use of oil lamp.	Bdg. and contents not insured.	By telephone at 9-25 p.m.	By firemen with one hydrant.	From main at 9-35 p.m.	A quantity of grass damaged by fire on ground floor of chawl	5 0 0
Stone in machinery.	Bdg. and contents insured.	By telephone at 12-54 p.m.	By Press employés with private appliances.	Stored on premises.	A quantity of loose cotton damaged by fire and water on 2nd floor.....	2,500 0 0
Careless use of matches.	Bdg. insured; contents not insured.	By telephone at 8-2 p.m.	By inmates	Do. ...	A quantity of coir damaged by fire on ground floor	2 0 0
Careless use of fire.	Bdg. and contents not insured.	By Police at 2-12 p.m.	Do.	Do. ...	A quantity of cocoanut oil destroyed on upper floor.....	1 0 0
Do. ...	Do. ...	By stranger at 12-35 p.m.	Do.	Do. ...	A small quantity of firewood burned on ground floor	1 0 0
Unknown	Insured ...	By Police at 12-35 a.m.	By firemen with four steamers.	From main at 12-40 a.m.	A large number of unpressed and pressed bales of cotton severely damaged by fire and water on open ground	1,25,000 0 0
Friction of machinery.	Bdg. and contents insured.	By telephone at 6-50 p.m.	By firemen with two steamers and Mill employés with private hydrants.	From main at 7-5 p.m.	A building of two floors about 70×40 feet (used as spinning and carding rooms), upper floor and contents severely damaged by fire and water, contents on ground floor by water	70,000 0 0
Careless smoking	Insured ...	By stranger at 9-15 p.m.	By firemen with one hydrant.	From main at 9-15 p.m.	Two bales of cotton damaged by fire and water on open ground	50 0 0
Light thrown down.	Bdg. and contents not insured.	By telephone at 7-52 a.m.	By Inmates	Stored on premises.	Some shavings burned in loft, roof over slightly damaged by fire and breakage...	10 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1896.					
12	27th April.	8-10 a.m.	Lady Jamsedjee Road (Mahim).	Baloo Atmaram	Private	Nathoo Valji .....
13	1st May...	6-30 p.m.	Bora Bazaar (Fort).	Hurridass Goculdass.	Do.	Hurridass Goculdass.
14	2nd „	4-58 a.m.	Old Nagpada (Bhendy Bazaar).	Hassun Mahomed.....	Refreshment Room.	Hadji Jan Mahomad Ladha.
15	„ „	8-55 „	No. 41, Duncan Road.	Ebrahim Mohideen ...	Private	Abdul Hussein Ebrahimji Tukari.
16	„ „	10-8 p.m.	Thakurdwar Road..	Waman Ramchandra.	Goldsmith	Hadji Budrudin Bhalormeen.
17	3rd „	9-40 „	Colaba (Cotton Green).	Dalchund Divchund and others.	Cotton Merchants..	The Port Trust .....
18	6th „	12-15 a.m.	Apollo Bunder	Lalji Pulsi	Cotton Merchant...	Do. .....
19	9th „	2-5 „	Khark Street (Pydhoni).	Dhunji Framji	Lodger	Purshotum Raghmul.
20	11th „	2-13 „	Arthur Bunder (Fort Press Company).	Bhimji Shamji & Co...	Cotton Merchants..	The Port Trust .....
21	„ „	2-1 „	Tardeo Road (Manockji Petit Mill).	Dinshaw Manockji Petit, Sons & Co....	Cotton Spinners ...	Dinshaw Manockji Petit, Sons & Co....
22	12th „	7-1 „	Old Purbhadavi Road.	Sucarbux Madarbux..	Mali	Cassinath Dharoo.....
23	13th „	2-14 „	Bhoiwada 2nd Lane.	Virjee Chun	Private	Luxoomon Jaitha.....
24	„ „	11-50 „	Nesbit Road	Richardson and Cruddas.	Iron Founders, &c...	Richardson and Cruddas.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Careless use of fire.	Bdg. & contents not insured.	By Police at 8-15 a.m.	By firemen with 1 hydrant.	From main at 8-20 a.m.	Three jowli huts and contents severely damaged by fire	50 0 0
Careless use of kerosine lamp.	Do. ...	Reported by fireman at 6-45 p.m.	By inmates.	Stored on premises.	A kerosine lamp destroyed, and canvas partition damaged by fire on ground floor...	5 0 0
Kerosine lamp exploding.	Do. ...	By telephone at 5 a.m.	By firemen with 2 hydrants.	From main at 5-7 a.m.	Shop and contents on ground floor severely damaged by fire, heat and water	200 0 0
Careless use of kerosine lamp...	Do. ...	Reported by Police at 11-30 a.m.	By inmates ...	Stored on premises.	Roof of chawl slightly damaged by fire and breakage	25 0 0
Careless use of oil lamp.	Do. ...	By telephone at 10-5 p.m.	By firemen with hand-pump and buckets.	Do.	Back room on ground floor and contents slightly damaged by fire and water.	40 0 0
Light thrown down.	Insured ...	By telephone at 9-42 p.m.	By firemen with 1 hydrant.	From main at 9-55 p.m.	A number of half-pressed cotton bales damaged by fire and water on open ground	2,500 0 0
Do. ...	Do. ...	By telephone at 12-18 a.m.	Do.	From main at 12-30 a.m.	Five bales of half-pressed cotton damaged by fire on open ground	500 0 0
Do. ...	Bdg. and contents not insured.	By telephone at 2-10 a.m.	By inmates and firemen with buckets.	Stored on premises.	A room and contents on 4th floor damaged by fire and heat, and roof over by breakage.	25 0 0
Careless smoking.	Bdg. and contents insured.	By press employés at 2-18 a.m.	By firemen with 1 hydrant.	From main at 2-25 a.m.	A quantity of loose cotton, damaged by fire and water on ground floor.....	1,000 0 0
Unknown	Unknown..	By telephone at 2-10 a.m.	By mill employés with private appliances.	Stored on premises.	A stack of coal damaged by fire on open ground. (Loss unknown).....	.....
Kerosine lamp upset.	Do. ...	Reported by Police at 10 a.m.	By inmates with buckets.	From sea ...	A jowli hut and contents damaged by fire.....	15 0 0
Careless smoking	Contents not insured. Bdg. insured.	By stranger at 2-16 a.m.	By firemen with buckets.	Stored on premises.	Contents of a room on second floor slightly damaged by fire and water.....	15 0 0
Tar boiling over...	Not insured.	By stranger at 11-55 a.m.	By firemen with 1 hydrant.	From main at 11-59 a.m.	A quantity of tar destroyed on open ground	15 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1896.					
25	14th May.	2-1 a.m.	Dongri Street	Tasey Raghooji	Private	Kulibai (woman) ...
26	15th „	1-13 p.m.	Punchayet Wady (Bhuleshwar).	TribuwandassRatanji	Do.	Tribuwandass Ratanji.
27	16th „	5-50 a.m.	No. 167, Grant Road	Dhabada Sukura	Do.	Haji Cassum Joosub...
28	17th „	5-45 „	Fergusson Road (Star of India Mill).	Vishram Ebrahim & Co.	Cotton Spinners ...	Vishram Ebrahim & Co.
29	18th „	9-28 „	Gun Carriage Street (Lower Colaba).	Luxoomon Shittaram.	Private	Pestonji Sorabji .....
30	„ „	9-30 p.m.	Sewree Road.....	Ahemed Cassum	Tile Manufacturer.	Ahemed Cassum .....
31	20th „	6-55 „	No. 108, Stable Street, Cammati-pura.	Sk. Hussin Mutkya...	Private	Hon.BadroodinTyabji
32	„ „	10-1 „	Cotton Green (Colaba).	Soonderji Kessowji...	Cotton Merchant ...	The Port Trust.....
33	22nd „	4-29 „	Sarang Street	Husunali Nazarali ...	Glass Merchant ...	Kamroodin Badroo-din.
34	26th „	1-30 „	Nesbit Road	Richardson & Cruddas	Iron Founders, &c.	Richardson & Cruddas
35	27th „	11-31 „	Chuckla Street ...	Abdul Hussin Tyabji.	Cotton Merchant ...	Nursey Natha .....
36	29th „	4-5 „	Clerk Bunder.....	Graham & Co.	Coal Merchants.....	The Port Trust .....

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Light thrown down.	Not insured.	Reported by Police at 5-30 a.m.	By inmates	Stored on premises.	Some gunny bags destroyed by fire on open ground	8 0 0
Do.	Bdg.& contents insured.	By telephone at 1-15 p.m.	Do.	Do.	A small quantity of hay damaged by fire in stable.....	3 0 0
Careless use of fire.	Contents not insured. Bdg. insured.	Reported by Police at 9-30 a.m.	Do.	Do. ...	Flooring on 1st floor slightly damaged by fire.....	5 0 0
Unknown	Contents and bdg. insured.	By telephone at 6-10 a.m.	By mill employés and firemen with private appliances.	Do. ...	A quantity of cotton yarn damaged by fire in Spinning Room on 1st floor; rest of contents slightly damaged by water..	2,000 0 0
Careless use of fire.	Contents and bdg. not insured.	By stranger at 9-30 a.m.	By inmates	Do. ...	A wooden hut slightly damaged by fire.	3 0 0
Spark from fire...	Do. ...	By telephone at 9-55 p.m.	By neighbours	From well ...	A jowli roofed shed damaged by fire ...	10 0 0
Careless smoking.	Bdg. unknown; contents not insured.	Reported by Police at 7-0 a.m. on 21st May 1896.	By inmates	Stored on premises.	A quantity of cowdung cakes damaged by fire, and roof over by breakage...	5 0 0
Unknown	Insured ...	Reported by stranger at 10-30 p.m.	By employés.....	From well ...	A bale of half-pressed cotton slightly damaged by fire on open ground	5 0 0
Light thrown down.	Contents and bdg. not insured.	By telephone at 4-30 p.m.	By inmates	Stored on premises.	Some rubbish burned on 1st floor	.....
Tar boiling over..	Not insured.	By stranger at 1-40 p.m.	By firemen with 1 hydrant.	From main at 1-45 p.m.	A quantity of tar destroyed by fire on open ground	30 0 0
Careless use of oil lamp.	Bdg.& contents insured.	By telephone at 11-33 p.m.	Do. ...	From main at 11-42 p.m.	First and second floors and contents and part of roof slightly damaged by fire and water	250 0 0
Spontaneous combustion.	Insured ...	By owner at 12-55 p.m. on 30th May 1896.	By firemen with 1 hydrant.	From main at 1-5 p.m.	The centre portion of a stack of coal about 300 tons damaged by fire ...	500 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1896.					
37	30th May.	4-30 p.m.	Clerk Bunder	Graham & Co.	Coal Merchants.....	The Port Trust.....
38	31st „	5-5 a.m.	Do.	Dadabhoy Hormusji ..	Coal Merchant.....	Do. .....
39	1st June.	7-4 p.m.	Carnac Bunder Street.	Dwarkadass Tooksey.	Grain Merchant ...	Haji Essa Allarakhia.
40	3rd „	2-25 „	Mallet Road, Prince's Dock.	Graham & Co.	Coal Merchants ...	The Port Trust .....
41	8th „	8-53 „	Thomas Street (Lower Colaba).	Mookta Yakoo	Lodger	Murjee .....
42	13th „	12-37 „	Bellasis Road	Treacher & Co.	General Merchants.	Treacher & Co. .....
43	22nd „	7-52 „	Bhendy Bazaar.....	Virjee Purshotum ...	Oil Merchant	Unknown .....
44	„ „	9-44 „	DeSouza Street ...	Cooverji Nursee	Grain Merchant ...	Bhanji Nunji.....
45	24th „	11-9 a.m.	Nesbit Road.....	Dr. Sidney Smith.....	Private	Byramji Nusserwanji.
46	30th „	7-15 p.m.	Foras Road	Chinoo	Hawker	Pyheng Bhugwan ...
47	7th July.	1-38 a.m.	Hospital Lane, (Mazagon).	Ram Singh, Bal Govind and others.	Carters	Valabhai Khambhai Borah.
48	„ „	8-36 p.m.	Churney Road	Motima (woman) ...	Tobacconist	Janardhun Wasudeo..

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss	Rs. a. p.
Spontaneous combustion.	Insured ...	By telephone at 4-35 p.m.	By firemen with 1 hydrant.	From main at 4-45 p.m.	The centre portion of a stack of coal about 300 tons damaged by fire ...	500 0 0
Do. ...	Not insured.	By stranger at 5-15 a.m.	Do. ...	From main at 11 a.m.	The centre portion of a stack of coal of about 800 tons damaged by fire	700 0 0
Spark from chimney adjoining.	Bdg.& contents insured.	By telephone at 7-5 p.m.	By Port Trust employés with private appliances.	Stored on premises.	Roof of godown slightly damaged by fire and breakage	2 0 0
Spontaneous combustion.	Insured ...	By owner at 5 p.m.	By firemen with 1 hydrant.	From main at 7 p.m.	The centre portion of a stack of coal of about 700 tons damaged by fire	800 0 0
Careless use of kerosine lamp.	Bdg. insured; contents unknown.	By stranger at 8-54 p.m.	By inmates	Stored on premises.	Wooden partition on third floor slightly damaged by fire. ...	1 0 0
Distilling retort bursting.	Bdg & contents insured.	By telephone at 12-39 p.m.	By employés with private appliances.	Do. ...	A quantity of stock damaged by fire and breakage in laboratory on ground floor.....	200 0 0
Careless use of oil lamp.	Bdg.& contents not insured.	Reported by Police at 7-58 p.m.	By inmates	Do. ...	Some rubbish burned on ground floor.....	.....
Careless use of fire.	Bdg. and contents insured.	By telephone at 9-45 p.m.	Do.	Do. ...	Flooring on 1st floor damaged by fire and contents of godown under by water	50 0 0
Overheating of stove pipe.	Bdg. and contents not insured.	By stranger at 11-10 a.m.	By firemen with hand pump.	Do. ...	Roof of outhouse used as cook-room slightly damaged by fire and breakage	5 0 0
Kerosine lamp upset.	Not insured.	Reported by telephone at 9-35 p.m.	By inmates	None used ...	A jowli hut nearly burned out.....	5 0 0
Careless use of oil lamp.	Bdg. and contents not insured.	By telephone at 1-43 a.m.	By firemen with 1 hydrant.	From main at 1-50 a.m.	A jowli hut, about 40 ×15 feet (used as a dwelling and stable), and contents nearly burned out..	786 0 0
Kerosine oil lamp upset.	Do. ...	By telephone at 8-40 p.m.	By inmates	Stored on premises.	A kerosine lamp destroyed on ground floor.....	2 0 0

No.	Date.	Time.	Place.	Occupier	Business.	Landlord.
	1896.					
49	12th July..	10-12 p.m.	Daristhan Street (Mandvi).	Vittoo Balaji.....	Private	Harridass Premji.....
50	3rd Aug.	5-1 a.m.	Shaik Memon Street.	Shiri Krustna Kurmidan.	Do.	Gungadass Ramdass..
51	8th „	9-28 p.m.	Argyll Road	Ramji Bhagoo	Do.	Bhagarbhai Moolchund.
52	10th „	12-4 „	Pydhoni Road	Abdulji Metha	Sweetmeat Seller...	Haji Abdul Rahimon.
53	12th „	8-58 „	Prince's Dock	B'bay & Persian S. N.	S. S. "Naderi." Company. Mr.Haji	Z. A. Shirazee, Agent.
54	26th „	12-45 a.m.	Supari Bagh Road.	Sukharam Yessoo and others.	Brush-makers	Sukharam Yessoo and others.
55	„ „	7-58 p.m.	Waudby Road,Fort	Bombay Gymkhana Mr. A. F. Gould, Secretary.		Club .....
56	30th „	8-55 „	Bibijan Street	Haji Mollajee	Goldsmith	Haji Esmail Rehimon.
57	1st Sept..	7-43 „	Manson Road (Carnac Bunder).	Nunsee Walji ..... Sewchand Khataw.. Hansraj Moolji.....	General merchant... Grain merchant ... Do. ...	Govind Vishram ...
58	2nd „	7-30 „	Coombarwada (Elphinstone Road).	Khalla Khutchra.....	Potter	Khalla Khutchra .....
59	3rd „	4-1 „	Worli Pakhadi	Buddha Gergee.....	Fisherman	Buddha Gergee.....

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Careless use of oil lamp.	Bdg. insured; contents not insured.	By telephone at 10-14 p.m.	By inmates	Stored on premises.	A wooden shelf damaged by fire on 1st floor.....	1 0 0
Oil lamp.....	Bdg. and contents not insured.	Reported by Police at 6-5 a.m.	Do. ...	Do. ...	A canvas weather blind burned on 3rd floor	2 0 0
Careless use of oil lamp.	Do. ...	By telephone at 9-30 p.m.	Do. ...	Do. ...	A quantity of cowdung cakes damaged by fire on 3rd floor	.....
Ghee boiling over	Bdg. insured; contents not insured.	By telephone at 12-5 p.m.	Do. ...	Do. ...	A small quantity of ghee destroyed by fire on ground floor.	1 0 0
Unknown	Vessel insured; contents unknown.	By telephone at 9-5 p.m.	By strangers and firemen with dock appliances.	From Municipal service main and dock hydraulic main and dock fire float at 9-1 p.m.	Engine room and contents severely damaged by fire, heat, and water, and a portion of cargo in after-hold slightly damaged by fire, smoke and water ...	15,000 0 0
Careless use of kerosine.	Not insured.	By Police at 12-55 a.m.	By firemen with 1 hydrant.	From main at 1-5 a.m.	Four jowli huts and contents severely damaged by fire ...	75 0 0
Escape of gas ...	Bdg. insured; contents unknown.	By stranger at 8-1 p.m.	By firemen with 1 hydrant.	From main at 8-3 p.m.	About 10 × 3 feet of roof damaged by fire and breakage.....	150 0 0
Careless use of fire.	Contents and building not insured.	By telephone at 8-58 p.m.	By inmates	Stored on premises.	A bed and bedding slightly damaged by fire on ground floor.	3 0 0
Unknown ...	Contents not insured; building insured.	By telephone at 7-45 p.m.	By firemen with 2 hydrants and Port Trust steamer.	From main at 7-55 p.m.	A corrugated iron shed (used as godown) and contents severely damaged by fire, heat and water	5,200 0 0
Careless use of fire.	Not insured.	Reported by Police at 8-2 p.m.	By inmates	None used ...	A jowli hut and contents nearly burnt out	5 0 0
Unknown	Do. ...	Reported by Police at 7-30 p.m.	Do.	Stored on premises.	A jowli hut nearly burned out.	5 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
60	1896. 8th Sept.	1-30 p.m.	Victoria Cross Road	M. Reubin.....	Private	Surgeon-Major K. S. Merriman.
61	14th „	2-1 a.m.	Falkland Road, 6th Lane.	Raoji Sukharam	Basket-maker	Haji Mahomed .....
62	15th „	5-58 p.m.	Mazagon Bridge Road.	Rupaji Mohanji	Private	Krustnaji Bapuji.....
63	22nd „	2-3 „	Kika Street	Jaichund Hurry	Do.	Deoji Ramji .....
64	29th „	1-30 „	Northbrook Street..	Fakir Mahomed	Do.	Tyebji Jaffer Tyebji...
65	2nd Oct.	2-20 „	Nesbit Road	Richardson & Cruddas	Iron Founders	Richardson & Cruddas
66	7th „	2-12 „	Paltan Road	Bombay Municipality		The Government of India.
67	„ „	11-1 „	Sewri Coliwada ...	Bhewa Patal.....	Fisherman	Bhewa Patal.....
68	9th „	1-1 „	Sewri Road	Hannumantha	Private	Hannumantha ....
69	10th „	8-30 a.m.	Dharavi Road (Mahim).	Rama Anandji	Do.	Rama Anandji .....
70	„ „	6-12 p.m.	Imamwada Road..	Mahomed Syed Khan.	Goldsmith	Nawab Kumal Khan.
71	17th „	4-20 „	Jairajbhoy Street (Foras Road).	Lukmidass Fakir.....	General merchant..	Kessowji Jadowji...
				Ramji Ruttonji	Cotton merchant...	
				Nagji Hunsraj	Do. ...	
				Kessowji Jadowji and others.	Private	

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Spark from fire...	Contents and bdg. unknown.	By telephone at 1-35 p.m.	By firemen with 1 hydrant.	From main at 1-45 p.m.	A quantity of grass burned and roof of stable and cook-room severely damaged by fire and breakage	150 0 0
Careless use of fire.	Not insured.	Reported by Police at 4 a.m.	By inmates	Stored on premises.	About 6×6 feet of wooden partition damaged by fire on ground floor	2 0 0
Spark from fire...	Do. ...	Reported by Police at 2 p.m.	Do.	Do. ...	A bed and bedding damaged by fire on ground floor	2 0 0
Light thrown down.	Contents and bdg. not insured.	Reported by Police at 2-20 p.m.	Do.	Do. ...	A bed and bedding damaged by fire on 3rd floor	5 0 0
Careless use of fire.	Bdg. unknown; contents not insured.	Reported by telephone at 1-40 p.m.	Do.	Do. ...	A room on 2nd floor and contents damaged by fire and breakage	15 0 0
Tar boiling over.	Not insured.	By stranger at 2-25 p.m.	Do.	From service pipe at 2-25 p.m.	A quantity of tar destroyed by fire on open ground	5 0 0
Spark from chimney adjoining.	Do. ...	By telephone at 2-14 p.m.	By employés with buckets.	Stored on premises.	Roof of a jowli shed damaged by fire ...	10 0 0
Unknown	Do. ...	Reported by Police at 8 a.m. on 8th Oct. 1896.	By inmates	Do. ...	A jowli hut destroyed by fire.....	15 0 0
Careless use of oil lamp.	Do. ...	Reported by Police at 2-35 p.m.	Do.	From well...	A jowli hut and contents burned out ...	30 0 0
Light thrown down.	Contents and building not insured.	Reported by Police at 10-30 a.m.	Do.	Stored on premises.	A jowli hut and contents damaged by fire	15 0 0
Careless use of fire.	Do. ...	By Police at 6-15 p.m.	Do.	Do. ...	Some wearing apparel burned in a shed, and roof of ditto damaged by fire ...	37 0 0
Unknown	Contents and building insured.	By telephone at 4-25 p.m.	By firemen with 3 steamers and 2 hydrants.	From main at 4-35 p.m.	A ground floor building, about 600×30 feet (used as godowns and dwellings), and contents severely damaged by fire and water, and part of roof off.	16,500 0 0
	Contents not insured.					
	Do.					
	Do.					

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
72	1896. 22nd Oct.	1-15 a.m.	Parel Road	Masu Hurpal	Milkman	Dada Mukba.....
73	26th „	3-1 p.m.	Kala Chowky Road	Esmail Ahmedbhoy and Moolji Raoji.	Cotton Cleaners ...	Esmail Ahmedbhoy and Moolji Raoji.
74	27th „	4-59 „	DeLisle Road (Wadia Mill).	Jairam Narayanji & Sons.	Cotton spinners ...	Jairam Narayanji & Sons.
75	31st „	1-30 „	Chandanwadi	Osman Suliman ... Merwan Byram ... Syed Hussen.....	Oil merchant Eating House Vety. Surgeon	Dr. Beramji Naorosji.
76	„ „	8-30 „	Queen's Road (near Wodehouse Bridge).	Dadabhoy Hussin & the Bombay University.		The Government of Bombay.
77	1st Nov.	11-15 p.m.	Elphinstone Road	Goverdhun Bhaga and others.	Pottery	Goverdhun Bhaga and others.
78	„ „	5-28 „	Chandanwadi	Rama Bhamaji.....	Glass dealer.....	Narayan Dhackoo ...
79	„ „	9-15 „	Arthur Bunder (Old Nicol Mill.)	Moolji Jaitha & Co., and a number of others.	Cotton merchants..	Ahmedbhoy Hubibhoy.
				The Fort Press Company.	Do. ...	Do. ...
				Premji Hurji.....	Cotton merchant...	The Fort Press Company.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Kerosine lamp upset.	Not insured.	Reported by Police at 2 a.m.	By neighbours with buckets.	From well...	A jowli hut damaged by fire.....	5 0 0
Friction of machinery.	Contents and building insured.	Reported by Police at 6 p.m.	By inmates with buckets.	From well on premises.	A small quantity of loose cotton damaged by fire and water in blow-room on ground floor.....	10 0 0
Do. ...	Do. ...	By telephone at 5-7 p.m.	By Mill employés and firemen with private appliances	Private hydrants from Municipal main at 5-1 p.m.	A quantity of cotton dust burned and roof of blow-room chimney damaged by fire	50 0 0
Unknown	Contents and building not insured.	By telephone at 1-33 p.m.	By firemen with 4 hydrants.	From main at 1-40 p.m.	A ground floor building about 50×36 feet, and contents very severely damaged by fire, and roof off, a man named Vala Jussa, aged 30 years, and a boy named Jussa Hussun, aged 6 years, burned to death, and four bullocks and two goats burned to death ...	2,900 0 0
Do.	Contents and building not insured.	By telephone at 8-37 p.m.	By firemen with 2 steamers.	From main at 8-59 p.m.	A canvas and bamboo mandap, and contents destroyed by fire	13,500 0 0
Letting off Fireworks.	Not insured.	By Fireman at 11-20 p.m.	By firemen with one manual.	From pond	Two jowli huts and contents nearly burned out.....	200 0 0
Light thrown down.	Do. ...	Reported by telephone at 5-40 p.m.	By Strangers.....	Service pipe.	A quantity of dry grass burned, and a cart damaged by fire on public road	14 0 0
Unknown	Contents nearly covered by insurance, building insured.	By Stranger at 9-45 p.m.	By firemen with 6 steamers.	From main at 9-50 p.m.	A building about 300 × 100 feet (formerly the Nicol Mill) used as a cotton godown and containing about 13848 bales of pressed and unpressed cotton, very severely damaged by fire and water, roof off and partly fallen down.	13,18,190 0 0
Do. ...	Insured	Do. ...	Do. ...	Do. ...	Side, front, and roof damaged by fire and breakage	
Do. ...	Not insured.	Do. ...	Do. ...	Do. ...	Several bales of unpressed cotton damaged by fire and water in godown ...	

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1896.					
80	6th Nov.	5-55 a.m.	Chunam Kiln Lane (Bhendy Bazar.)	Naoroji Dossabhoy and others.	Private	Cursetji Sorabji .....
81	7th „	7-30 „	Duncan Road	Ramji Kessowji	Do.	Ramji Kessowji .....
82	8th „	5-3 „	Surat Gully, (Mandvi)	Multanji Formul.....	Wool merchant	Dharsi Nanji.....
83	11th „	11-30 „	Anantwadi Street...	Balkrustna Bhivaji...	Saw Mill	Balkrustna Bhiwaji...
84	13th „	4-45 „	Duncan Road	Khara Kanji	Corn merchant	Camoo Yakoo .....
85	15th „	6-1 „	Old Purbhadevi Road.	Vitto Ganoo	Toddy-seller.....	Gunput .....
86	16th „	2-1 p.m.	Coliwada, (Worlee.)	Baboo Chawal	Fisherman.....	Baboo Chawal .....
87	17th „	12-20 a.m.	Pasta 1st Lane (Colaba Road).	Hurjee Dhatoo Khoja.	Cotton merchant ...	The Colaba Land Company.
88	23rd „	12-33 „	Frere Road	Dhulba Ghungaji.....	Carter.....	The Port Trust .....
89	26th „	8-5 p.m.	Bhendy Bazaar (Parel Road.)	Ahmed Mahomed ...	Private	Taloo (woman).....
90	27th „	1-50 a.m.	Duncan Road ...	Lukmidas Virji	General merchant...	TribuwandassJadowji
				Abdul Hussein	Do. ...	.....
91	„ „	6-48 p.m.	Mazagon Road	Rughobar Purtumbar.	Private	Shaikbhai Essoobbhai.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Carelcss smoking.	Building insured; contents notinsured	By telephone at 6-1 a.m.	By firemen with 1 hydrant.	From main at 6-10 a.m.	Ground floor of chawl (used as stable) and contents damaged by fire and heat ...	50 0 0
Light thrown down.	Do. ...	Reported by Police at8-25a.m.	By inmates	Stored on premises.	A quantity of cowdung cakes burned on ground floor ...	10 0 0
Careless use of oil lamp.	Contents and building not insured.	By telephone at 5-5 a.m.	By firemen with hand pump.	Stored on premises.	A room on 2nd floor and contents damaged by fire and part of roof off.	150 0 0
Light thrown down.	Do. ...	By Police at 11-34 a.m.	By firemen with 1 hydrant.	From main at 11-38 a.m.	Roof of shed (used as saw mill) damaged by fire and breakage	20 0 0
Careless use of kerosine lamp.	Do. ...	By telephone at 4-50 a.m.	By firemen with hand pump.	Stored on premises.	Shop and contents slightly damaged by fire, heat and water	15 0 0
Oil lamp ...	Not insured.	Reported by Police at 6-30 a.m.	By neighbours... ...	From well...	A jowli hut and contents and 7 toddy trees damaged by fire	300 0 0
Light thrown down.	Do. ...	Reported by Police at 6 p.m.	Do.	Stored on premises.	A jowli hut and contents damaged by fire	10 0 0
Do. ...	Unknown.	Reported by Police at 12-30 a.m.	By employés with buckets.	From well ...	A bale of unpressed cotton slightly damaged by fire and water on open ground	10 0 0
Do. ...	Not insured.	By telephone at 12-35 a.m.	By firemen with buckets.	From main at 12-41 p.m.	Roof of jowli hut slightly damaged by fire	8 0 0
Candle	Contents and bdg. insured.	Reported by stranger at 4 a.m. on 27th Nov. 1896.	By inmates	Stored on premises.	Some wearing apparel slightly damaged by fire on first floor.	2 0 0
Unknown	Do. ..... Contents not insured.	By telephone at 1-55 a.m.	By firemen with 2 hydrants.	From main at 2-5 a.m.	Rear portion of a ground floor chawl (used as godowns) and contents severely damaged by fire and water, and part of roof off	15,200 0 0
Careless use of oil lamp.	Contents and bdg. not insured.	Bystranger at 6-52 a.m.	By inmates	Stored on premises.	Some wearing apparel slightly damaged by fire on 4th floor	5 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1896					
92	28th Nov.	1-45 p m.	Supari Bagh Road, Parel (E. D. Sassoon Mill).	E. D. Sassoon	Cotton spinner ...	E. D Sassoon .....
93	4th Dec.	8-30 „	13th Cammatipura Street.	Wali Kallan	Private	Pallonji Pestonji.....
			Do. (ground floor)	Baghoo Bapoo	General dealer	.....
94	7th „	12-20 „	Raichur Street.....	Bala Babaji	Cart driver	Bala Babaji .....
95	16th „	3-50 a.m.	Dharavi Road, (Mahim).	Mahomed Ali	Leather currier ...	Fazulali Hakimji.....
96	19th „	11-30 „	Supari Bagh Road (E. D. Sassoon Mill).	E. D. Sassoon	Cotton spinnor	E. D. Sassoon .....
97	„ „	12-25 p.m.	Do. ...	Do.	Do.	Do. .....
98	22nd „	10-30 „	Bhuleshwar Road...	Kaba Purshotum.....	General merchant.	Krustnarao Anna Shastri.
99	26th „	10-35 „	Magazine Road.....	Ramlal Ramdin	Blacksmith	Essaji Tajbhoy.....
100	29th „	1-19 „	Parsee Bazaa Street.	Alibhoy Shumsudin...	General merchant...	Ahmedali Khurudin.
	1897.					
101	4th Jan.	1-20 a.m.	DeLisle Road	Sur Surma.....	Milkman.....	Sur Surma .....
102	5th „	6-40 p.m.	Israel Mollah.....	Ebrahim Haji Abdul Mahomed.	Private	Kalifan Rutton Syed.
103	6th „	4-25 „	Dharavi Road	Ganoo Babaji and others.	Leather curriers ...	Ganoo Babaji and others.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Friction of machinery.	Contents and bdg. insured.	By telephone at 1-50 p.m.	By mill sprinklers, and employés with private appliances.	Stored on premises.	A quantity of loose cotton and several carding machines damaged by fire and water in blow-room on ground floor ...	1,500 0 0
Careless use of fire-place.	Contents and bdg. not insured.	Reported by telephone at 11-15 p.m.	By inmates.....	Do. ...	About 2 × 2 feet of flooring burned on 1st floor, and some gunny bags damaged by fire on ground floor	18 0 0
Light thrown down.	Do. ...	By telephone at 12-22 p.m.	By Port Trust employés with 1 hydrant.	From main at 12-24 p.m.	A jowli hut and contents slightly damaged by fire	15 0 0
Unknown	Do. ...	By Police at 3-55 a.m.	By inmates	Stored on premises.	A quantity of leather and some coir mattings damaged by fire on ground floor.	20 0 0
Friction of machinery.	Contents and bdg. partly insured.	None received.	By mill employés and with private hydrants.	Do. ...	A small quantity of loose cotton damaged by fire and water in blow-room on ground floor.....	100 0 0
Spark from previous fire.	Do. ...	By telephone at 12-30 p.m.	By employés and firemen with private hydrants.	Do. ...	Wooden framework of blow-room chimney damaged by fire	300 0 0
Oil lamp	Contents and bdg. not insured.	Reported by stranger at 10-35 p.m.	By inmates	Do. ...	A small quantity of sugar and some gunny bags damaged by fire and water on ground floor.	5 0 0
Careless use of fire.	Do. ...	By Police at 10-45 p.m.	By firemen with 1 hydrant.	From main at 10-57 p.m.	A wooden shed and contents severely damaged by fire ...	100 0 0
Light thrown down.	Do. ...	By Police at 1-20 p.m.	By inmates	Stored on premises.	A bed and bedding slightly damaged by fire on 3rd floor.	2 0 0
Doubtful	Bdg. and contents not insured.	By Police at 1-25 a.m.	By firemen with 1 hydrant.	From main at 1-40 a.m.	Four jowli huts and contents severely damaged by fire ...	200 0 0
Careless use of kerosine lamp.	Contents not insured; bdg. insured.	By telephone at 6-45 p.m.	By inmates	Stored on premises.	A wooden bench slightly damaged by fire on 3rd floor.	2 0 0
Kerosine lamp upset.	Do. ...	By Police at 4-30 a.m.	Do.	From well ...	Three jowli huts and contents damaged by fire.....	130 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1897.					
104	7th Jan.	8-55 p.m.	Mallet Bunder	Bomanji Edulji.....	Coal merchant	The Port Trust .....
105	12th „	10-46 a.m.	Esplanade Road ...	T. Paar	Photographer	Hyderaly Cassumji...
			Do. (ground floor).	Kanjimall & Co.	Jewellers.....	Do.
106	14th „	12-12 p.m.	Stone Bunder	Haji Cassum.....	Merchant	The Port Trust.....
107	16th „	12-30 a.m.	Chinch Bunder Road.	Dhondoo Mahadoo ..	Sawyer	Jhalbhoy Ardeshir ...
108	3rd Feb.	7-1 p.m.	Goghari Mollah ...	Mahomed Ludha	Oil merchant.	Chandbi .....
109	6th „	1-12 „	9th Cammatipura Street.	Rai (woman)	Private	Ramchandra .....
110	7th „	2-1 a.m.	Parel Tank Road...	Puram Amanta.....	Grain merchant ...	Solar Khan .....
111	12th „	9-40 „	Don Tar Cross Lane.	Mahomed Dada	Timber merchant...	Haji Ahmed Noorani.
112	18th „	11-55 p.m.	DeLisle Road	Tulsi Ramchand	Grain contractor ...	Syed Hussein .....
113	23rd „	4-25 „	Chinch Bunder Road.	Sukharam Tookaram.	Carter.....	Jalbhoy Ardeshir.....
114	4th Mar.	9-8 „	Nassick Street	Dhurmdass Gopaldass and others.	Carters	The Port Trust .....

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Unknown	Insured.	By Police at 8-58 p.m.	By firemen, worked with 1 standpipe for 10 minutes, after which the owner dispensed with their services.	From main at 9-2 p.m.	The centre portion of a large stack of coal damaged by fire and still burning. Loss not known.....	.....
Careless use of fire.	Contents & bdg. insured.	By telephone at 10-48 a.m.	By firemen with 2 steamers and 3 hydrants.	From main at 10-54 a.m.	A building of three floors, upper floor and contents nearly burnt out and roof off; 1st and ground floors and contents damaged by water and removal	7,500 0 0
Unknown	Not insured.	By telephone at 12-14 p.m.	By firemen with 1 hydrant.	From main at 12-30 p.m.	A small quantity of coal damaged by fire on open ground.	25 0 0
Oil lamp.....	Contents & bdg. not insured.	Reported by Police at 12-32 a.m.	By inmates	Stored on premises	Contents of a room on ground floor slightly damaged by fire.	1 0 0
Light thrown down.	Not insured.	By telephone at 7-3 p.m.	By firemen with 1 hydrant.	From main at 7-7 p.m.	A quantity of grass slightly damaged by fire on ground floor.	2 0 0
Careless use of fire.	Contents & bdg. not insured.	By telephone at 1-13 p.m.	By firemen with hand-pump.	From main at 1-19 p.m.	A room on 1st floor and contents damaged by fire and part of roof off.....	75 0 0
Unknown	Not insured.	By Police at 2-20 a.m.	By firemen with 1 hydrant.	From main at 2-30 a.m.	A jowli hut and contents severely damaged by fire	10 0 0
Light thrown down.	Unknown..	By telephone at 9-43 a.m.	By inmates	Stored on premises.	A tiled shed (used as wood store) and contents damaged by fire.....	100 0 0
Light thrown down.	Not insured.	By Police at 11-57 p.m.	By firemen with 1 hydrant.	From main at 12-7 p.m.	A jowli hut and contents nearly burned out, and a buffalo and one goat burned to death ...	50 0 0
Spark from locomotive.	Do. ...	By Police at 4-85 p.m.	Do. ...	From main at 4-42 p.m.	A jowli hut and contents nearly burned out	37 0 0
Careless smoking	Do. ...	By telephone at 9-12 p.m.	Do. ...	From main at 9-20 p.m.	A range of jowli huts and contents nearly burned out	150 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1897.					
115	5th Mar.	1-5 a.m.	Chinch Bunder Cross Lane.	Bhewajee Govajee ...	Private	Bhewajee Govajee ...
116	„ „	12-20 „	Cowasjee Patel Tank Road— Ground Floor ...	Jugdeshwar Printing	Press	Gosavi Shri Dewkinund Acharia.
			First do. ...	Bombay Native In	stitution	
			Second do. ...	Gosavi Shri Dewkinund Acharia.	Private	
117	19th „	8-2 p.m.	Parel Road (Bhendy Bazaar).	Noor Mahomed	Charcoal dealer ...	Husunali Borah ....
118	21st „	7-18 „	Hamal Street (Lower Colaba.)	Sukharam Sadoo.....	Private	Damaji Khimji.....
119	23rd „	2-58 a.m.	Warree Bunder Road.	Vishnoo Baboo	Do.	Ramabai, woman ...
120	26th „	5-34 „	Grant Road	Essakbhoy Dadabhoy.	Charcoal merchant	Dhurmsey Deoji.....
121	29th „	3-15 p.m.	Arthur Road (Lower Colaba.)	The Bombay Company, Limited.	Cotton merchants..	The Colaba Land and Mill Company.
122	30th „	9-30 a.m.	Arthur Bunder, Lower Colaba, (The Fort Press.)	Bhimji Shamji	Cotton merchants.	Do. .....

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Kerosine oil lamp exploded.	Not insured.	By Police at 1-10 a.m.	By inmates	Stored on premises.	Ceiling of cook-room on 4th floor severely damaged by fire and breakage	50 0 0
Unknown	Bdg. and contents insured. Contents not insured. Do. ...	By telephone at 12-25 a.m.	By firemen with 5 steamers and 1 hydrant.	From main at 12-33 a.m.	A building of three floors about 100 × 60 feet, and contents very severely damaged by fire and water, and most part of roof off	2,57,000 0 0
Light thrown down.	Contents and Bdg. not insured.	By Police at 8-3p.m.	By firemen with buckets.	Stored on premises.	Some gunny bags slightly damaged by fire on ground floor	2 0 0
Careless use of fire.	Contents not insured, Bdg. insured.	By stranger at 7-20 p.m.	By firemen with hand pumps.	Do. ...	A room on first floor and contents slightly damaged by fire.	2 0 0
Careless use of kerosine lamp.	Contents and Bdg. not insured.	By telephone at 2-59 a.m.	By firemen with 2 hydrants.	From main at 3-8 p.m.	A corrugated and tiled roof shed (used as dwelling and stable) and contents severely damaged by fire ...	250 0 0
Light thrown down.	Not insured.	By Police at 5-36 a.m.	By firemen with buckets.	Service pipe on premises.	Shop and contents slightly damaged by fire.....	10 0 0
Do. ..	Insured ...	By stranger at 3-19 p.m.	By firemen with 1 hydrant.	From main at 3-30 p.m.	580 pressed bales of cotton damaged by fire and water on open ground	11,600 0 0
Stone in machinery.	Contents and Bdg. insured.	By stranger at 9-40 a.m.	By Press employés.	Stored on premises.	A quantity of loose cotton slightly damaged by fire, and severely by water on first floor	500 0 0

L.—PUBLIC GARDENS.

The following gardens were maintained during the year under report :—

(*a*) Victoria Gardens.
(*b*) Elphinstone Circle Garden.
(*c*) Northbrook Garden.
(*d*) Malabar Hill Garden.
(*e*) Bazaar Gate Garden.
(*f*) Falkland Road Garden.
(*g*) Dick's Tank Garden.
(*h*) Garden on the Flats.
(*i*) Municipal Office Garden.
(*j*) Sir Cowasji Jehangir Garden at Mahim.

2. The total number of visitors to the Victoria Gardens during the year under report was 1,071,929 against 1,438,595 in the previous year, showing a decrease of 366,666, which was entirely due to the plague. Comparative figures of the number of visitors for each month from the commencement of the plague during past two years are given below, with the hope that they might be of use in indicating the effect of the plague on the population of Bombay :—

Month.	Number of visitors to the Victoria Gardens	
	In 1895-96.	In 1896-97.
September	76,820	90,597
October	94,254	69,617
November	92,598	66,254
December	160,949	65,498
January	193,487	36,312
February	194,022	26,417
March	173,888	57,805
Total ...	986,018	412,410
	412,410	
Difference ...	573,608	

3. The metalling of the roads was continued in the year under report. The large open space near the carnivora cages, which on account of its being entirely unmetalled was becoming muddy and quite uncomfortable to the visitors in the rainy season, was metalled during the year under report. The remaining portions around the cages, as well as the road running all around the deer enclosure, will be taken in hand during the current year. All the remaining roads were also repaired, rolled, spread with sandstone and sand, and kept in thorough order throughout the year.

4. The laying of water pipes in the new area added to the Gardens, as well as in the existing laid out Garden, wherever most necessary, was continued, but at the present rate it would be some years before all the necessary pipes would be completed.

5. The making of small bits of drains across roads to carry rain water was also continued. Many parts of the Garden roads, lawns, as well as shrubberies, are still water-logged in the rainy season; but the construction of a large drain running through the middle of the newly added portion, which has already been sanctioned, would, when properly connected by cross drains through the existing Garden, greatly mend matters in this respect.

6. The remaining portion of the roof of the old animal cages, now used as an infirmary for sick animals, which was referred to in the last report, was renewed during the year under report, and with some masonry repairs to the walls, &c., would form a very valuable property which, but for this timely repairs, would have all fallen to pieces.

7. The roof of the cattle stable, which had nearly fallen in, was repaired, and the old wattle sides replaced by galvanized corrugated iron sheets.

8. A new wall along the southern boundary of the Garden, which was partly entirely open and partly fenced with a nearly broken down hoop iron fence, was constructed during the year under report, and the likelihood of things being removed unnoticed through the open boundary, as well as of the ingress and egress of visitors except through the authorized gates, prevented thereby. These practices, however, it would not be possible to entirely stop until a proper railing in place of the wire fence is put up on the northern boundary of the Garden along the New Connaught Road.

9. New quarters for the animal-keepers and the Garden office, as well as the storm water drain in the newly added portion of the Garden, which were sanctioned in the previous year were not commenced during the year under report, owing probably to the extra work thrown on the Engineering Department on account of the plague, as also to the difficulty of inducing contractors to undertake the work on account of the dearth of labourers and artisans. They have just been commenced now.

10. Sanction for the construction of the new quarters for the Assistant Superintendent of the Zoological Collection and for Malees was applied for and obtained during the year under report, though in the latter case accommodation for only twenty Malees, instead of for forty as at present, is provided. It is to be hoped that quarters for the remaining twenty Malees would be sanctioned on the advent of better times again.

11. It may be mentioned here that new quarters for animal-keepers and Malees were sanctioned, none too soon, as the existing quarters were not only in a very dilapidated condition, but also extremely insanitary; and in spite of all precautions from the beginning in the matter of disinfection, fumigation and lime-washing, cases of plague occurred in both the quarters. The first case occurred in the animal-keepers' quarters on the 12th December 1896, one of the keepers being attacked with plague. He was sent to the Arthur Road Hospital, and as the quarters consisted of only bamboo and kudjan work, they were promptly burnt and destroyed. On the 9th February 1897, a female relation of one of the Malees, working in a mill at Parel and living in the Malees' quarters, was found attacked with plague. She was removed to the Hindu Hospital, where also were sent two more boys living in the same room and found attacked the next morning with plague. All the four cases, unfortunately, proved fatal. The Malees living in the quarters were told to remove to the Segregation Camp, close to the Garden, on the other side of the Connaught Road, for the purpose of having their quarters disinfected and lime-washed; and though every sort of persuasion was used, and though I undertook to spend some more money on the huts and make them as comfortable as possible, rather than go and live there, they all left work in a body and went at once to their native places. Great difficulty was, therefore, experienced in carrying on the work of the Garden. A miscellaneous lot of labourers, who knew nothing at all about plants or gardening, had to be engaged on daily cash payment, at the rate of seven annas per day. In spite, however, of this difficulty, the Gardens were kept up in their usual condition. This opportunity was taken of trying to secure the services of a better class of Malees by writing to the Superintendents of different gardens in India, especially of the North-West Provinces; but the pay offered is not sufficient to induce good Malees to come to such a long distance from their homes, and a few ordinary Malees who wanted to come required that their railway fare for the journey should be sent in advance to them.

12. The weeding and renewing of lawns was continued during the year under report. The raising of the level of the lawns, which is badly required to be done, could not, however, be carried to any appreciable extent with the amount available for the purchase of earth for the purpose.

13. Most of the shrubberies were dug up, and a small quantity of manure mixed up with the soil, as they had not been done so for

some time past. A large number of new plants of different sorts were also planted out in place of old worn-out ones.

14. The water in the ornamental ponds, which had become very dirty, was entirely drained off at the end of the rainy season, and some of the silt which had accumulated in large quantity removed. The grass banks which had been washed off or fallen in were also repaired, weeded and re-turfed.

15. 327 plants were supplied for roadside planting during the year under report.

16. Among the new plants added to the Garden Collection during the year were :—

Brachychiton populneus ; Atriplex haliciodis ; Acacia brachybotrya and sophora ; Mirabilis longiflora and violacea ; Passiflora alba ; Tradescantia discolor, alba-lineata and varginica ; Sapindus siponaria ; Draceena draco ; Bignonia catalpa ; Eleagnus angustifolia ; Salix alba ; Sabal palmetto ; Pritchardia filamentosa ; Phœnix canariensis ; Kentia canterburiana and forsteriana ; Oncosperma filamentosa ; Phœnicophorum seychellarum ; Chrysalidocarpus lutescens ; Spondias dulcis ; Terminalia chebula ; Cinnamomum camphora ; Celastrus paniculata ; a number of ornamental grasses ; Passiflora discolor; Hedychium capitata ; Draceena recurvata ; Chlorophytum variegatum ; Manettia bicolor ; Peristrophe angustiflora aureo-vari ; Bauhinia hookerii ; Crassula cultrata ; Jasminum angulare ; Ipomaea biloba ; Acalypha colorata ; Tecoma smithii ; Amaryllis vittata ; Thuya pendula ; Eranthemum rubrum ; Zingiber darcyi ; Ceropegia sanderina ; Ficus parcelli , and Cestrum vogelii.

17. In spite of the difficulty experienced owing to the malees having left Bombay on account of the plague, all the other gardens were kept in good condition, throughout the year, as usual. It may be mentioned here that the Northbrook Garden has been kept closed to the public since 29th December 1896 by order of the Plague Committee on account of sheds having been put up there for the Nurses and Sisters of Mercy working in the Plague Hospitals. A part of the Mahim Garden has also been occupied with sheds put up for men of the Health Department.

18. The improvement by planting of shrubs, &c., in the Dick's Tank Garden, was undertaken and finished during the year under report.

19. A full and valuable report on the result of the deputation to Calcutta of Mr. J. M. Doctor, Assistant Superintendent, Zoological Collection, as well as on the improvement of the Zoological Collection of the Victoria Gardens, called for under the Corporation's Resolution No. 1441 of 7th May 1896, was submitted to the Municipal Commissioner during the year under report ; but the matter has been postponed for the present for financial considerations on account of the plague expenditure.

20. Of the animals added to the Collection by purchase during the year, the following are worth noting :—

Black lemur.	Spotted deer.
Red-fronted lemur.	Hornbill.
Indian antelopes.	Black ape.
Wild sheep.	Pig-tailed monkey.
Nilgai.	

A collection of different kinds of parrots and cockatoos.

21. The following animals were presented during the year under report :—

Barking deer.	By A. Leslie, Esq.
Hyænas.	By A. John, Esq.
Mongoose lemur.	By the Bombay Natural History Society.
Leopard cub.	
Ant-eater.	
Arabian gazelles.	
Indian Gazelle.	
Sulphur-crested cockatoo.	
Painted partridges.	
Wolves (cubs).	
Indian squirrels.	By J. Davidson, Esq., I. C. S.
Black buck.	By N. R. Kothawala, Esq.
Wild ducks.	
Leopard cubs.	By M. Tharia Topan, Esq.
Leopard.	By Raja of Sunth Rampore.
White stork.	By Dr. H. N. Servai.
Four-horned antelope.	By Mrs. Freel.
Leopard cub.	By J. E. Wacha, Esq.
Indian antelopes.	By K. M. Balliwala, Esq.
Do. do.	By N. M. Panday, Esq.
Sloth Bear.	By Captain Hicks.

22. The following were among those that died during the year under report :—

Monaul pheasant.	Opossum.
Lynx.	Bengal tiger.
Leopard cubs.	Ant-eater.
Sambur deer.	Ostrich.
Lion cubs.	

23. The budgeted and actual expenditure of the several gardens is shown below :—

	Names of Gardens.	Total amount sanctioned.			Expenditure.		
		Rs.	a.	p.	Rs.	a.	p.
(a)	Victoria Gardens	53,333	0	0	48,266	10	9
(b)	Elphinstone Circle Garden	2,260	0	0	2,004	13	2
(c)	Falkland Road Garden	520	0	0	429	11	8
(d)	Northbrook Garden	1,870	0	0	1,876	3	3
(e)	Sir Cowasjee Jehangeer Garden	724	0	0	673	9	4
(f)	Bazaar Gate Garden	804	0	0	787	6	7
(g)	Garden on the Flats	1,040	0	0	989	3	1
(h)	Dick's Tank Garden	454	0	0	422	0	3
(i)	Malabar Hill Garden	1,268	0	0	1,228	13	3
	Total... Rs.	62,273	0	0	56,678	7	4

M.—THE VICTORIA AND ALBERT MUSEUM.

1. In the Natural History division the department of Mammals received very few additions. A young caracal (*Felis viverrina*), a young lioness (*Felis leo* var. *Guzeratensis*), and a young panther (*Felis pardus*), which died in the Victoria Gardens, were forwarded by the Superintendent to the Museum from time to time. These animals were skinned and their skins were cured and preserved at the Museum. Also one Indian otter (*Lutra ellioti*), and a slender loris (*Loris gracilis.*) were added to the department by purchase. The loris was cured and preserved in spirits of wine, but the otter was skinned, cured, stuffed and mounted for exhibition purposes.

2. The department of Birds received several additions, which were all secured by purchase. The additions were as follows :—

Two Indian rollers (*Coracias indica*), two Indian orioles (*Oriolus kundoo*), four barbets (*Megalaema caniceps*), two fairy blue birds (*Irena puella*), two drongo-shrikes (*Buchanga atra*), one pheasant-tailed jacana (*Hydrophasianus chirurgus*), one pond heron (*Ardeola grayii*), and one large stone-plover (*Esacus recurvirostris*). These birds were all skinned, cured, stuffed and mounted for exhibition at the Museum. Also one hundred and twenty specimens of birds' eggs were added to the department by purchase.

3. To the department of Reptiles were added, by purchase, two cobras (*Naia tripudians*), two green tree snakes (*Dryophis mycterizans*), two Russell's vipers (*Vipera russellii*), two poisonous tree snakes (*Trimesurus anamallensis*), one sand snake, (*Gongylophis conicus*), two sand snakes (*Eryx johnii*), two water lizards (*Varanus bengalensis*), two grazing lizards (*Uromastix hardwickii*), and two tree lizards (*sitana ponticeriana*). Also one cobra (*Naia tripudians*) was added by presentation from Surgn.-Lieut.-Col. T. S. Weir, Health Officer of Bombay. These reptiles were all cured and preserved in spirits of wine.

4. To the department of Fishes and Crustaceans, several minor specimens were added during the year. The most important among them was a full-grown sea-horse (*Hippocampus histrix*). All the specimens were cured and preserved in spirits of wine.

5. The department of Entomology received one hundred and twenty-five specimens of butterflies, of thirteen different kinds, and thirty-three beetles, of seven different varieties. These specimens were all cured and preserved at the Museum.

6. The department of Geology received no addition during the year.

7. In the division of Anthropology several additions were made during the year. To the department of Artware were added, by purchase, numerous specimens of lacquered ware and miscellaneous exhibits. Also four specimens of Burmese pattern Madras work silver ware and one silver sugar tongs and one butter knife, both of Indian manufacture, were added to the department.

8. The department of Ethnology received no important addition during the year.

9. To the department of Numismatology were added six silver and fifteen copper coins by presentation from Dr. Geo. M. Dixon, Superintendent, Sind Convict Gang, Hyderabad (Sind).

10. In the Natural History division the various collections in the different departments were examined from time to time and were frequently supplied with preservatives. During the year seven skins of smaller mammals were cured and preserved at the Museum; also one hundred and five birds' skins were cured, stuffed and mounted for exhibition purposes. The collections of Reptiles, Fishes and Crustaceans were, now and then, looked into, and several new specimens were preserved in spirits of wine. The Entomological collection was also examined from time to time, and numerous specimens were cured, preserved and mounted for exhibition at the Museum.

11. In the division of Anthropology the specimens of valuable cloths and other textile fabrics were examined, both before and after the rains, and the cases were freely supplied with preservatives. As far as was known, the specimens in the various departments were all in good order and preservation.

12. The Museum Library received several additions during the year. The most important among them was Sharpe's "Catalogue of Birds in the British Museum," a very valuable work of reference.

13. During the year under review Biology students from the several Arts Colleges in Bombay and the Presidency, as well as students from the Grant Medical College, Bombay, and the College of Science, Poona, occasionally visited the Museum for the purpose of studying Zoological, Botanical and Geological specimens. The

Museum was also visited by Mr. R. Enthoven, I.C.S., Assistant Collector, Custom-House, Bombay, who examined all the specimens of textile fabrics in the Museum, and took short notes of the localities in which they were found, which were believed to materially assist him in the preparation of his Monograph on the "Textile Industries of Western India." Several private enquirers also visited the Museum for the purpose of studying the economic products exhibited in the Museum. The Manager, Perco Mahomed Oil Mills, Bombay, forwarded two or three specimens of economic products of commercial value for identification and naming, and the information applied for was duly supplied.

14. A statement showing how the annual and special grants were utilized will be found in Appendix A at the end of the report.

15. The Museum was open to the public for 312 days, and the total number of visitors was 584,865, showing a daily average attendance of a little over 1,874. Last year the Museum was open to the public for 315 days and the total number of visitors was 749,299, showing a daily average attendance of a little over 2,378. The decrease this year is probably due to the presence of the Bubonic Plague in Bombay.

APPENDIX A.

Statement showing how the annual and special grants were utilized :—

Natural History Grant.

		Rs.	a.	p.
1.	Spirits of wine	478	0	0
2.	Sundry preservatives	314	0	0
3.	Natural History specimens	152	0	0
4.	Miscellaneous	256	0	0
	Total ... Rs.	1,200	0	0

Grant for Cases.

		Rs.	a.	p.
1.	Materials and labour for repairing and polishing old cases	266	0	0
2.	Minor cases	34	0	0
	Total ...Rs.	300	0	0

Artware Grant.

		Rs.	a.	p.
1.	Silver Manufactures	499	12	3
2.	Lacquered ware and miscellaneous exhibits	287	0	0
	Total ...Rs.	786	12	3

Special Grant.

		Rs.	a.	p.
1.	Reference Books	498	8	0

PUBLIC HEALTH.

1. REPORT of Brigade-Surgeon-Lieutenant-Colonel T. S. WEIR, Municipal Health Officer.
2. REPORT of the SUPERINTENDENT OF LICENSES, forwarded with his No. 1348 of 26th May 1897.
3. REPORT of the SUPERINTENDENT OF MARKETS, forwarded with his No. 1048, dated 6th July 1897.
4. RETURN OF STREET ACCIDENTS, forwarded by the COMMISSIONER OF POLICE, with his No. $\frac{4235}{7}$ dated 21st May 1897.
5. REPORT of the MEDICAL OFFICER IN CHARGE, Infectious Diseases Hospital, Arthur Road.

1.—REPORT OF THE HEALTH OFFICER.

IN the Report for 1895, although there had been a reduction in the mortality, I took a gloomy view of the future, that has, I regret, come too true. I wrote as follows in the opening portion of the Report :—

Extracts from Health Officer's Report.

"Although there has been a very great improvement in the Public "Health this year, the mortality being 2,249 less than in the last "y. · yet I cannot hope for further reduction in the mortality until "the ı. al insanitary causes that I have so frequently described, and "which I will once more describe so that there may be no responsibility "on me, are removed. 25,081 deaths were registered, being 2,249 less "than in 1894. Of this reduction in mortality, 820 deaths were from "diseases of the Respiratory System, 594 from diseases of the Digestive "System, 336 from Cholera, 261 from Small-pox, 243 from Measles and "54 from Fevers.

2. The two previous years, 1893 and 1894, were remarkable ; the meteorological phenomena and the incidence of diseases not only amongst human beings but amongst animals being abnormal. The abnormal meteorological states of these two years were accompanied by the prevalence of zymotic diseases amongst human beings and animals.

. . . . .

3. In the report for 1893, I wrote as follows :—"I have, after the "very unfavourable record of 1892, to report in this year a very great

"improvement in the public health, the mortality being 3,376 less than "in that year, but only 197 less than the average. This is so far "satisfactory, but it will not and cannot continue unless that more "effective means for carrying away the water brought into the City "are provided."

4. And again in 1896 I wrote: although in 1895 there have been "2,249 fewer deaths than in 1894, I must repeat again what I wrote in "1893, that this improvement in public health, so far as represented by "2,249 deaths, will not and cannot continue unless that more general and "therefore more effective means are constructed for carrying away "the water brought into the city. It is true that the reduction in "mortality over the previous year indicates that the general health "of the city was so much better, but it does not indicate, when the "figures are carefully examined, that the local causes of diseases have "been proportionately removed. The reduction is chiefly due to a lower "mortality from diseases whose prevalence I have always contended "was due, not to local conditions, but to general seasonal influences, "although the mortality from each type of disease was influenced and "intensified by local conditions. The reduction in mortality due to "Fevers is not considerable, being 54 less than in the last year and 273 "below the average. The chief reduction has been caused through a "diminished mortality from Cholera, Small-pox and Measles, or in "other words, the three chief zymotic causes and the group of diseases "which accompany or are synchronous with them."

Causes unfavorable to Public Health.

5. I classified the local causes unfavorable to the Public Health in the following order:—

I. Insufficient Drainage—

"*a.* Sewage.

"*b.* Subsoil water.

"*c.* Absence of connections between building and sewers."

II. Over-crowding.

III. Disposal of all the dry refuse on the Flats, Tardeo.

IV. The imperfect provision in the Municipal act in regard to—

a. Rebuilding of houses on old foundations without a "space for ventilation and drainage being left on "one side."

b. The exclusion of the evidence of Municipal Officers "in regard to nuisance."

V. The obstruction of the sea-current around the Island by the "embankments at Bandora and Coorla."

6. I would draw special attention to para. 9 in that Report, in which I wrote as follows :—

"There is no doubt, the questions of first importance to the health of "this City are: (I) the completion of the drainage of the City, and (II) "the prevention of waste of water. The drainage operations have given "us an opportunity that we had not before of observing the distribution "of the subsoil water. If any one had a doubt as to the saturation of "the subsoil and as to the rapidity with which the subsoil water, in "some portions of the Island, rises and falls, an inspection of some of "the drainage excavations near Colaba would dispel that doubt. The "rapidity with which the subsoil water rises in portions of Colaba is "the most extraordinary phenomenon that can be observed in this "Island; it is a phenomenon which can be observed with the eyes, for in "some of the excavations as soon as the subsoil water has been pumped "out, fresh subsoil water can be seen welling up. It seems as if the "tidal currents flow across under the land, and the loose nature of the "artificial soil of portions of Colaba which have been reclaimed favor "the circulation of the currents. The drainage works have also given "us an opportunity of studying the distribution of the subsoil water in "other portions of the Island, as, for instance, on the north side of the "Marine Lines, where some 1,008,000 gallons of subsoil water were "pumped out between the 5th and 25th February 1896. In Umar-"khadi I observed a curious and interesting phenomenon showing how "in rocky formations houses may be damp on the sides of the drainage "excavations. Between the rock formation and the road metal there "seemed to be a reservoir of subsoil water which kept escaping into the "excavations. The drainage works in portion of the City, near the "Cawasji Patel Tank, have also come down to what can only be "described as an underground stream. It has to be remembered "that the position where this stream has been struck is near Howdachi "Wadi, from wells in which, at one period, a portion of the water supply "of Bombay used to be pumped up to the Two Tanks. An enormous "quantity of water has been pumped up from this excavation, and the "stream seems as free as ever. My impression is that the excavation there "has struck the subsoil stream that fed the Babula Tank and the wells in "Howdachi Wadi, for there has been this year a very remarkable sub-"sidence in the level of the water in the Babula Tank. The water in this "tank has never been so low before; even when, many years ago, the "Municipality attempted to clean the tank out, it was not possible to "pump the water to as low a level as it has fallen this year. The low "level of the water disclosed two large streams of subsoil water entering "the tank from the south. I may mention that on a former occasion "when it was attempted to clean the Babula tank out, the most serious "nuisances were caused, nuisances accompanied by a great prevalence of "Fevers in the J. J. Hospital. . . . Until drainage works are "sufficiently advanced to remove the water which collects in the tanks "of a locality, tanks ought not to be filled in. We have had an illus-"tration of this in Khandia Tank Street. A large tank was filled in, "and the result was that the subsoil water of the street at high states of "the tide rose up through the metal of the road."

Old refuse under roads.

7. When the roads were opened last September to clean the drains, I observed that in Mandvi the deep covering of earth over the refuse had delayed decomposition many years. This must always be the case. The refuse, some of which was rags, was unchanged, and I drew the attention of medical men to it. In Foras Road I also observed refuse in the excavations that had been made for drainage works. The refuse must have been desposited in these places more than 40 years ago.

Removal of cutchra.

8. I am glad to be able to state that the arrangements for the removal of the dry refuse or "cutchra" outside the Island by train have been completed. The reclamation and the elevation of the level of the Flats is now a serious public danger, and it seems to me that the increase in the flooding of Byculla district is chiefly due to the reclamation, and the new roads obstructing the natural drainage. In the rains the district immediately to the south-east of the Reclamation is a swamp of sewage and water, out of which buildings rise.

Incinerators.

9. The incinerator at Bori Bunder was of the greatest utility during the epidemic. In it all the refuse from Mandvi was burnt. A small incinerator in each ward of the city is desirable during epidemics.

Conservancy of the lakes.

10. I made a suggestion in the last Annual Report in regard to the conservancy of the gathering grounds of the lakes ; the state of the land and waterways over which the rain-waters flow to the lakes is of great importance to the city because of the influence which it may have on the water-supply. If the water-ways are polluted, the lake waters may be contaminated great as their natural powers of purification are. The utmost efforts should be made and the greatest precautions taken to keep clean the land and the channels on which the rain-waters descend to the lakes. There are the dangers hidden under all forest growths besides the dangers that come from animal pollution.

Tansa, Vehar, Tulsi.

11. I recommended that the scrub and long grass on the gathering grounds of the lakes, Tansa, Vehar, and Tulsi, should be cut down and burnt before the annual season of rainfall. During an inspection of the Tansa Lake in the hot weather of 1894, I observed a quantity of long grass and scrub, more or less dead, just above the lake, and it seemed to me that the grass would rot and be washed down into the lake. The Forest Officer, to whom the question was referred for opinion, disapproved of the burning of the grass or scrub because of the denudation that, in his opinion, it would lead to.

Need of conservancy.

12. The importance of the conservancy of the gathering grounds has been made manifest through examinations of the water-supply by Mr. Hankin. He found in the water comma bacilli that seemed to resemble attenuated Koch bacilli and which reacted to Pfeiffer's test.

Recommendation.

13. I recommended years ago, that an officer should be appointed to study the life history of the lakes supplying the city with water.

He should be appointed for one year and should live at the lakes, except when engaged in work on his material in the laboratory in Bombay. Unless such an appointment is made we can obtain no real knowledge of the history of the organisms in the water-supply, and the conditions of their vitality. There is no doubt that the cutting down of all the scrub around the lakes would be a measure entailing a heavy expenditure.

Defective ventilation an building bye-laws.

14. The experience of this year, confirms my statement in the last report relative to defective house ventilation. It seems of little avail having Building Bye-laws when people can erect houses close together without leaving an open space on one side for ventilation or drainage. Public attention is attracted by the loss of life, however small, when a building falls, yet no notice is taken of the heavy mortality caused annually by the foul air of dwellings. It may be observed from the tables of mortality showing the death-rate amongst females, how deadly a tainted atmosphere may be. This is one condition greatly influencing and enhancing the female mortality, of the city. We have seen cases of rapid poisoning through the foul air of sewers, men suddenly suffocated by mephitic vapours, and the casualties have been the subject of prolonged legal inquiry but, when hundreds of deaths are caused by slower but not less certain poisoning in the tainted atmosphere of crowded dwellings, no attention is paid to it. During the epidemic of Bubonic Plague in Bombay close damp dwellings and a stagnant atmosphere propagated the Pest, revived its vitality and increased its virulence.

Sub-soil water at Colaba. Phenomenon.

15. In the last report I drew attention to the rapidity with which the sub-soil water rises in portions of Colaba. It is a most extraordinary phenomenon. It seems as if the tidal currents flowed across under the land and their passage was favoured by the loose nature of the artificial soil. The influence of the tidal currents on the sub-soil waters of the island is most important and has yet to be studied.

Buildings in Kamathipura described.

16. I take one district in Kamathipura. Seventy per cent. of the buildings in this district are more or less unfit for human occupation from imperfect ventilation, and until December 1896 the effects of the imperfect ventilation and darkness were intensified by dampness caused through the position of the water-pipes generally at the back of the last of the rooms. Most of the buildings consist of double rooms separated by a narrow passage. Some passages were so narrow that it was difficult to walk down them. On both sides of the passages are rooms. At the back of the rooms is a little open space wide enough to allow one to easily turn. On one side of this space was a water-pipe—on the other side a privy. All the clothes of the house are washed in this little space. The pavement is cemented and sometimes paved roughly, and is always wet from the dripping of water or from the washing of clothes. The walls of the outer rooms are splashed and wet. Except the front rooms, which often have no openings other than the

door ways and the back rooms which open on to this little space, with the privy at one side and the water-pipe on the other, the rooms have no means of ventilation. The centre rooms are in darkness and sometimes have a water-pipe inside them. Dwellings of this kind depress the vital powers.

The chief insanitary conditions.

17. It is not necessary for me to describe again the many nuisances and the many insanitary conditions in some districts of the city. The insanitary conditions in each district may be grouped under three heads: 1—imperfect and insufficient drainage; 2—insufficient ventilation of (*a*) Districts, (*b*) Buildings; 3—overcrowding.

Building in Khara Talao described.

18. To show the pitiful condition in which the poorer classes live, let us enter a building in Khara Talao inspected by His Excellency the Governor. There is a ground floor and a room over it. The length of the ground floor room is 111 feet and the width 18½ feet. There is no means of ventilation on either side. In fact the room is a passage with a door in front between closed walls. We counted in this room 19 men, 21 women, and 17 children. What a life? What can anything done outside this room do for the people in their misery inside.

Opinion of the Army Sanitary Commission.

19. The opinion of the sanitary work of Bombay in 1895 may be seen in the following extracts from a memorandum by the Army Sanitary Commission :—

"The Administrative Report is a record of vigorous effort to "render life conditions in the city of Bombay healthier. An abundant "water-supply has been provided at vast expense. But it is an axiom "in sanitary science that water should not be brought into a town "unless efficient arrangements have been made for its removal imme-"diately it has served its uses, otherwise the last state of that town will "be worse than the first.

"In short, the completion of the drainage of Bombay is the most "important work bearing on the public health which the Commissioner "has to deal with. The question of most urgency, after drains to carry "away the sewage and water, is the question of connections between "the buildings and the sewers or the drain pipes. The delay in estab-"lishing these connections has, in many cases, extended to years, and "it is suggested by the Health Officer that, to save time and further "injury to the public health, the work might be undertaken by the "Municipality, and the cost subsequently recovered from the house-"owners.

"Many Health Officers will endorse Dr. Weir's outspoken remarks "on this question, when he says :—We, in trying to do too much "do little. Whenever I hear of any matter in sanitation being depend-"ent on a big scheme, I know that such a matter will be neglected,

"or put off, for years. Big schemes are a sort of sanitary fetish for "doing nothing."

20. I am glad that the abominable nuisance in Parel Ward at Lalwady has been removed. For years the sewage flowed down the public road and soaked into a tank. An excellent system of house connections by open drains has been completed. Little progress has been made in making connections between buildings and sewers. Some of the sewers were constructed as far back as 1880, and connections to them have not yet been completed. However, I hope for progress in the next year, and, in laying sewer lines, much work has been done. Nuisances. Parel.

21. The nuisances to the north of Byculla are most serious. All the low-lying ground is covered with sewage and water in the rains. It seems to me that the only remedy till the system of drainage is extended over the north of the Island is to construct intercepting open drains to carry the water away from dwellings. In some low-lying portions of Byculla the buildings are so low that they cannot be connected with the system of drainage. The drainage has to be discharged on to the low-lying ground around buildings. Byculla.

22. Connections were commenced to the Shone System in Colaba, but in addition to the connections being made, it is absolutely necessary that the gullies should be reconstructed and converted into open drains. Shone System.

23. One of the suggestions I made during the year was a recommendation for the formation of a Sanitary Improvement Trust or Fund. This Trust or Fund was to have a regular Budget Allotment like the Road Improvement Grant—and the object of the Trust was the opening up and improvement of the many congested and insanitary districts and groups of dwellings in the city—the purchase of ill-ventilated houses deemed to be unfit for human habitation—the re-selling of the ground or the utilization of the property acquired either as open spaces for ventilation and recreation or for the widening of streets and public passages, or such other purposes as the circumstances demanded and the surroundings permitted. Sanitary Improvement Trust.

24. I mentioned the following locality where sanitary improvements were, in my opinion, most urgently needed :—Putakwadi—off Lohar Street. This is one of the districts to which a former Health Officer called special attention so long ago as 1866. He described it as a "perpetual fever nest," "the houses have been built in "too close proximity and in the form of a *cul-de-sac*, so that proper "ventilation is impossible." There has been little change or improvement since these words were written. The same description more or less applies to other districts. I may now name—Takwadi, off Kalbadavie Road ; Dongri Koliwada, off Dongri Street in Mandvi ; Peru Havildar Moola and Teliwada, off the Bhendy Bazar ; and the Nagpadas, west of Parel Road, Byculla. I may mention that several buildings in Peru Havildar Moholla and Takwadi have already been condemned and demolished. Sanitary works where most needed.

25. I suggested that Rs. 50,000 should be set aside as a commencement. In many of the large towns at home—Glasgow for instance—such Trusts have been formed by the City Corporations, and large areas have been opened and improved. I may indicate one direction that improvement should take ; the formation of large open spaces specially set aside and prepared as play-grounds for children. This is the form of open-air improvement I should like to see in our city—the space sanded or gravelled, with a few benches at the sides and simple gymnastic apparatus. Instead of playing in the open streets and getting run over or hurt, the children of the district would be safe and happy within the open recreation ground. I am convinced that the health of the juvenile population would be much improved if such a scheme as I suggest, not for the first time, were carried out.

Medical relief to the poor.

26. Although outside the year of this report, I may mention that on the 21st of January, the Corporation asked the Commissioner to consider the advisability of affording medical relief to the poor who were sick of the plague at their own houses. This measure the Health Department had been applying with the approval of the Commissioner from the beginning. We had up to that time two free Medical dispensaries, and we had distributed, through the Medical Officers and Inspectors a large sum of money from the Plague Relief Fund, to which Dr. Pollen gave much valuable assistance. This Fund had been started after I drew attention to the distress amongst the poor.

Works completed or in progress.

27. The important works accomplished or in progress during the year are :—

a. The completion of arrangements for the removal of the refuse outside the island.

b. The completion of house-connections in Lalwadi.

c. The completion of the Shone system in Colaba and the commencement of house-connections to the system.

d. The advancement of the drainage work in Nagpada and Umarkhadi and other portions of the city.

Regularity of sanitary work.

28. Before examining the statistics of mortality, I must refer to the admirable regularity with which the sanitary work proceeded. It was the only work in Bombay not interrupted by the panic created by the Plague. The removal of the refuse from buildings and from streets proceeded with the regularity and with even more than the vigor of ordinary years. The establishment deserves well of the city. Even the clerks although they received no reward did not follow the general example of those employed in private firms who deserted their duties.

Remarks on total Mortality.

29. Exclusive of still-born, 33,451 deaths equal to a mortality of 40·7 were registered, being 8,370 more than in the previous year and 8,267 more than the average. Of this excess mortality, nearly one-half occurred

in the month of December. It will hereafter be shown that the excess mortality was distributed over 10 out of the 32 sections of the city, that in 13 sections the mortality was under 35 per 1,000, and that in 4 sections on the west side, Fanaswadi, Chaupati, Walkeshwar and Mahalakshmi, the death-rate fluctuated between 28·29 and 17·63 per 1,000.

30. It will be observed that the mortality amongst all classes except Europeans is higher than in any previous year since 1877; the mortality of the four chief classes varying from 53 per 1,000 amongst Mussulman to 19 per 1,000 amongst Europeans. Mortality, all classes.

TABLE SHOWING THE TOTAL NUMBER OF DEATHS AND THE RATE OF MORTALITY IN THE FOLLOWING CLASSES SINCE 1877 :—

Years.	Total No. of Deaths in the City.	Brahmins.	Parsees.	Europeans.	Mussulman.	REMARKS.
1877...	33,511	29·93	23·04	30·33	45·26	These calculations are based on the population of 1872.
1878...	26,999	31·83	24·99	31·98	49·12	
1879...	22,527	27·99	20·45	24·81	41·57	
1880...	21,146	27·60	20·14	26·88	37·44	
1881...	21,856	19·05	20·10	22·77	31·05	These calculations are based on the population of 1881.
1882...	20,468	21·02	18·43	17·70	29·87	
1883...	23,530	23·06	22·96	18·94	34·53	
1884...	22,542	22·32	22·86	19·23	33·27	
1885...	21,850	24·69	20·43	19·23	32·02	
1886...	20,074	20·71	21·42	17·89	30·57	
1887...	20,513	20·85	20·47	17·22	31·74	
1888...	22,421	23·62	22·67	19·04	32·69	
1889...	23,378	24·98	22·88	20·66	35·20	
1890...	20,534	22·27	21·11	18·56	32·98	
1891...	23,847	23·66	23·28	18·60	38·29	These calculations are based on the population of 1891.
1892...	26,518	27·77	23·78	20·10	41·25	
1893...	23,142	23·56	22·27	18·68	37·23	
1894...	27,330	24·93	21·80	20·37	42·10	
1895...	25,081	25·72	22 94	20·81	39·30	
1896...	33,451	32·22	28·10	19·39	53·01	

31. From the table printed hereafter showing the mortality according to place of birth, it will be observed that the number of deaths amongst persons born outside Bombay is as many as 5,945 in excess of the number born in Bombay. The mortality by place of birth, therefore, clearly indicates that there must have been during the year a great migration of people into Bombay. Mortality by birth-place.

TABLE SHOWING THE NUMBER OF DEATHS EXCLUSIVE OF STILL-BORN ACCORDING TO PLACE OF BIRTH.

Months.	Bombay.	Elsewhere.	Unknown.	Total.
January	881	1,273	17	2,171
February	970	1,257	26	2,253
March	1,096	1,415	23	2,534
April	1,100	1,449	16	2,565
May	1,073	1,339	15	2,427
June	956	1,047	26	2,029
July	1,157	1,127	15	2,299
August	1,134	1,514	21	2,669
September	1,050	1,542	24	2,616
October	1,077	1,785	6	2,868
November	1,002	1,876	11	2,889
December	2,141	3,958	32	6,131
TOTAL ..	13,637	19,582	232	33,451

General remarks on mortality.

32. When the increase in the total mortality is studied closely, and examined especially in reference to the place of birth, it will be seen that the statistics demonstrate one of two things—either that the increase in the mortality in August was not due to Bubonic Plague, or that, if it was due to Bubonic Plague, the disease affected, out of the population, only the classes born outside of Bombay.

33. Any conclusions drawn from the total excess of mortality in August over the average mortality of the previous five years without a careful examination into the causes and incidence of the excess, and without due consideration being given to the causes of that excess are likely to be either illusory or incorrect.

34. Moreover when the mortality by months, according to place of birth is examined, the surprising fact appears that, while the total mortality in August had increased by 370, over the number of deaths in July, the mortality amongst the people born in Bombay had decreased by 23, the increase, amounting to 387, in the mortality being amongst persons born outside of Bombay. Still more surprising is the fact that in September the mortality amongst persons born in Bombay continued to fall and decreased by 84, while in October it increased by only 27 ; but in November it again decreased the most surprising fact of all by 75, while all these months from August to November the mortality was steadily increasing amongst the people born outside the City. It would therefore appear that either the people born outside of Bombay had

brought the disease to Bombay or were more susceptible to the pestilence than the people born in Bombay.

Months.	Deaths.	
	Born in Bombay.	Born outside of Bombay.
July	1,157	1,137
August	1,134	1,514
September	1,050	1,542
October	1,077	1,785
November	1,002	1,876

35. These facts demonstrate that mortuary statistics cannot be treated as mere items in an account. I shall give another proof of the care necessary in drawing conclusions from mortuary statistics, although such demonstrations are familiar to every student of the subject. At the worst time during this epidemic, the mortality in one section (the Fort, South,) never rose above 26·32 per 1,000. For the whole year 1896, the mortality in this same section (the Fort, South,) was only 5·31, while in the city the general mortality was 40·70. If, therefore, mortuary statistics are to be received as ordinary items in a bill the chances of life are seven times greater in the Fort, South, than in the rest of the City. This reduces absolute conclusions drawn from mortuary statistics without any reference to the conditions influencing the mortality to an absurdity. We are, therefore, forced to accept one of three conclusions in regard to the increase of the mortality in August if the enhancement in the number of deaths was due to Plague—(i) either that Plague was prevalent in a number of places outside Bombay, 2, or that it chiefly affected persons born outside of Bombay; (ii) or that there was an immigration into Bombay of people (*a*) either affected with Bubonic Plague, or (*b*) peculiarly susceptible to it.

36. The mortality by class is generally high, and except, amongst Europeans and Eurasians, higher than in the last year. Excluding the small communities liable to great fluctuations, the highest mortality has occurred amongst Jains and Hindu low-castes. The high mortality amongst Jains has been greatly influenced by the occurrence of Bubonic Plague in this community. The poorer classes of that community live under very unfavorable sanitary conditions, in overcrowded, ill-ventilated rooms and shops. Their manner of living is very poor, and a large number are scorbutic. The population is also a very fluctuating one.

37. The mortality amongst Hindu low-castes is equal to 63·27 per 1,000 against 47·22 in the preceding year. Whenever abnormal conditions are prevalent, disease is rife, and mortality is high amongst Hindu low-castes. Whenever the seasons are unfavourable and prices of food are high, the Hindu low-castes suffer most. They are very poor, and they may often be seen searching amongst

Mortality Hindu l castes.

refuse for food. Their dwellings are in the most crowded buildings of the most crowded localities. Several families live in one room—a domesticity generally unknown amongst other classes. They usually sleep on the floor on a thin sheet, and in the rainy season the ground which they sleep is damp and mouldy and nearly as damp as the street outside. There can be no hope for the reduction of the high mortality in this class until the Municipality builds dwellings for them and give relief and charity, and even when the Municipality builds model chawls for them, there will be an immigration of the out-caste population from the Mofussil into the city. The overcrowding even under Municipal management will not be easily combated. It is difficult to help the poor, and, of all poor, the outcaste poor are the most difficult to help. Relief helps them but little, as other friends from a distance are attracted to share it. Dwellings for them should be erected. In these dwellings overcrowding cannot be prevented, but the effects of overcrowding may be lessened. Let the dwellings be so ventilated that overcrowding in them will cause little harm—that the poisonous vapors from human beings will be dissipated by free ventilation.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM ALL CAUSES BY CLASSES IN 1896.

Classes.	Population by Census of 1891.	Number of Deaths.	Mortality per 1,000 of Population.
Jains	25,225	1,585	62·83
Brahmins	37,982	1,224	32·22
Lingaets	784	73	93·11
Bhatias	7,891	342	43·34
Hindus of other castes	451,465	16,153	35·77
	523,347	19,377	37·02
Hindus, low-caste	45,169	2,858	63·27
Mussalman	155,101	8,222	53·01
Parsees	47,458	1,334	28·10
Jews	5,021	167	33·26
Native Christians	29,712	1,026	34·53
Eurasians	4,830	152	35·10
Europeans	11,290	219	19·39
Negro-Africans	146	85	582·19
Buddhists	190	8	42·10
Other and unknown castes	.....	3.	.....
TOTAL...	821,764	33,451	40·71

38. In all the chief classes the female mortality is much in excess of the male. The heaviest excess is amongst Jains, Brahmins, Mussulmans and Native Christians.

39. In the following table the mortality amongst males and females in the four principal classes will be seen, and it will be observed that the mortality amongst women is very high and indicates the need of medical assistance.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE PER 1,000 OF POPULATION BY CLASSES, DURING 1896, ARRANGED ACCORDING TO SEX.

Classes.	Males.			Females.		
	Population.	Deaths.	Per 1,000 of Population.	Population.	Deaths.	Per 1,000 of Population.
Jains	19,317	954	49·38	5,908	631	106·80
Brahmins	26,564	703	26·46	11,418	521	45·62
Lingaets	462	47	101·73	322	26	80·74
Bhatias	4 344	185	42·58	3,547	157	44·26
Hindus of other castes ...	288,569	8,955	31·03	162,896	7,198	44·18
Hindus, low-caste	25,888	1,476	57·01	19,281	1,382	71·67
Mussalman	94,975	4,373	46·04	60,126	3,849	64·01
Parsees	24,705	708	28·65	22,753	626	27·51
Jews	2,590	79	30·50	2,431	88	36·19
Native Christians	20,040	588	29·34	9,672	438	45·28
Eurasians	2,294	88	38·36	2,036	64	31·43
Europeans	8,118	140	17·24	3,172	79	24·90
Negro-Africans...	90	46	511·11	56	39	696·42
Buddhists	137	7	51·09	53	1	18·86
Other and unknown castes ...	...	1	...	...	2	...
Total ...	518,093	18,350	35·41	303,671	15,101	49·72

40. The mortality from the chief death causes is shown in the following table :—

TABLE SHOWING NUMBER OF DEATHS AND DEATH-RATE FROM DIFFERENT CAUSES DURING 1896.

Cause of Death.	No. of Deaths.	Death-rate per 1,000.
Small-pox	701	·85
Measles	241	·29
Fevers...	8,776	10·68
Cholera	490	·60
Phthisis	4,869	5·85
Bubonic Plague	1,936	2·36
Diseases of the Nervous System	2,272	2·76
Do. do. Respiratory System	5,334	6·49
Diarrhœa	1,613	1·96
Dysentery	737	·90
Accidents	487	·60
Other and unknown causes...	6,055	7·37
Total ...	33,451	40·71

Chief causes.

41. The mortality from the chief causes of death shows an increased fatality as compared with 1895 from—

Small-pox	431
Fevers	2,372
Cholera	400
Phthisis	1,199
Respiratory System	769
Nervous System	228
Diarrhœa	425
Dysentery	112

42. The increase in the mortality from Fevers, independently of the appearance of Bubonic Plague, is equal to 10·68 per 1,000.

Europeans and Parsees.

43. In the following table the mortality amongst Europeans and Parsees during a series of years is contrasted, and it will be observed that the mortality amongst Europeans is a little lower than in 1895 :—

TABLE SHOWING THE MORTALITY AMONGST EUROPEANS AND PARSEES DURING A SERIES OF YEARS.

Years.	Parsees. Per 1,000 of Population.	Europeans. Per 1,000 of Population.	Remarks.
1872	28·44	29·22	These calculations are based on the population of 1872.
1873	21·97	24·54	
1874	22·31	25·51	
1875	24·08	32·53	
1876	23·74	24·69	
1877	23·04	30·33	
1878	24·99	31·98	
1879	20·45	24·81	
1880	20·14	26·88	
1881	20·10	22·77	These calculations are based on the population of 1881.
1882	18·43	17·70	
1883	22·96	18·94	
1884	22·86	19·23	
1885	20·43	19·23	
1886	21·42	17·89	
1887	20·47	17·22	
1888	22·67	19·04	
1889	22·88	20·66	
1890	21·11	18·56	
1891	23·28	18·60	These calculations are based on the population of 1891.
1892	23·78	20·10	
1893	22·27	18·68	
1894	21·80	20·37	
1895	22·94	20·81	
1896	28·10	19·39	

44. The mortality by age periods follows nearly the same incidence as in former years, giving a higher female than male mortality; while in the last year the excess was only 12·90, in this year the excess is 14·31. The mortality amongst males under 2 years of age was higher than amongst females at the same period of life. Over 2 years of age the mortality of females commenced to rise until at the nubile period, it was nearly double the male rate.

TABLE SHOWING THE DEATH-RATE BY SEX AT DIFFERENT PERIODS OF LIFE IN 1896.

AGES.	MALES.			FEMALES.			PERSONS.		
	Male Population.	Deaths.	Death-rate per 1,000 of Population.	Female Population.	Deaths.	Death-rate per 1,000 of Population.	Population.	Deaths.	Males to 100 Females.
Year 1	12,427	3,830	308·19	12,864	3,443	267·64	25,291	7,273	111·2
Years 2	6,619	909	137·33	6,884	957	139·01	13,503	1,866	94·9
„ 3	6,893	415	60·20	7,250	444	61·24	14,143	859	93·4
„ 4	6,368	234	36·74	6,564	263	40·06	12,932	497	88·9
„ 5 to 9 ...	33,969	630	18·54	32,229	709	21·99	66,198	1,339	88·8
„ 10 to 14 ...	47,664	701	14·70	30,242	739	24·43	77,906	1,440	94·8
„ 15 to 19 ...	57,181	846	14·79	33,598	862	25·65	90,779	1,708	98·1
„ 20 to 24 ...	74,160	1,308	17·63	37,485	1,124	29·98	1,11,645	2,432	116·3
„ 25 to 29 ...	72,650	1,554	21·39	31,282	1,074	34·33	1,03,932	2,628	144·6
„ 30 to 34 ...	61,687	1,393	22·58	27,079	879	32·46	88,766	2,272	158·4
„ 35 to 39 ...	38,190	1,051	27·52	16,568	595	35·91	54,758	1,646	176·6
„ 40 to 44 ...	38,287	1,135	29·64	20,182	703	34·83	58,469	1,838	161·4
„ 45 to 49 ...	18,263	691	37·83	9,297	341	36·67	27,560	1,032	202·6
„ 50 to 54 ...	20,825	947	45·47	13,443	582	43 29	34,268	1,529	162·7
„ 55 to 60 ...	7,251	432	59·57	4,565	271	59·36	11,816	703	159·4
Over 60 years ...	15,659	2,274	145·22	14,139	2,115	149·58	29,778	4,389	107·5
Total ...	518,093	18,350	35·41	303,671	15,101	49·72	8,21,764	33,451	121·5

45. Compared with the previous year, an excess mortality was registered at all age periods. The excess was greatest between 10 and 30 years of age amongst males and females:—

Ages.	MALES.		FEMALES.	
	1895 Death-rate per 1,000.	1896 Death-rate per 1,000.	1895 Death-rate per 1,000.	1896 Death-rate per 1,000.
Year 1	289·45	308·19	239·89	267·64
Years 3	58 32	60·20	60·55	61·24
„ 4	30·77	36·74	29·09	40·06
„ 5 to 9	12 27	18·54	14·11	21·99
„ 10 to 14	4·40	14·70	11·87	24·43
„ 15 to 19	5·71	14·79	15·35	25·65
„ 20 to 24	8·79	17·63	19·50	29·98
„ 25 to 29	11·13	21·39	23·84	34·33
„ 30 to 34	13·95	22·58	22·60	32·46
„ 35 to 39	17·83	27·52	26·91	35·91
„ 40 to 44	21·05	29·64	22·69	34·83
„ 45 to 49	27·48	37·83	27·75	36·67
„ 50 to 54	34·09	45·47	33·10	43·29
„ 55 to 60	50·19	59·57	42·27	59·36
Over 60 years	116·92	145·22	125·18	149·58
Total ...	.....	.....	.....	.....

Small-pox.

46. 701 deaths were registered from Small-pox, being 431 more than in the last year. There was a recrudescence of Small-pox. The mortality by months is shown in the statement following, and it followed nearly the usual seasonal course, although the disease continued abnormally long into the hot season :—

Months.	Deaths.
January	50
February	99
March	185
April	157
May	108
June	45
July	25
August	13
September	9
October	2
November	3
December	5
Total	701

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM SMALL-POX BY CLASSES IN 1896.

Classes.	Population by Census of 1891.	Number of Deaths in 1896.	Mortality per 1,000 of Population.
Jains	25,225	29	1·14
Brahmins	37,982	32	·84
Lingaets	784	1	1·27
Bhatias	7,891	.....	.....
Hindus of other castes	451,465	393	·87
Do. low-castes	45,169	72	1·59
Mussulman	155,101	105	·67
Parsees	47,458	23	·48
Jews	5,021	.....	.....
Native Christians	29,712	33	1·11
Eurasians	4,330	4	·92
Europeans	11,290	8	·70
Negro-Africans	146	1	6·84
Buddhists	190	.....	.....
Other and unknown castes	.....	.....	.....
Total	821,764	701	·85

47. Excluding the small population of Negro-Africans, the highest mortality occurred amongst Hindu low-castes—1·59 per 1,000.

48. The next highest mortality occurred amongst Lingaets, Jains, and Native Christians.

49. The mortality by age periods follows the same incidence as in former years, the highest occurring under 4 years of age.

50. The mortality from Small-pox fell heaviest on females. This is the normal incidence of the mortality in this city.

51. The mortality by sections is very interesting and instructive, because it is seen to be highest in the most insanitary and ill-drained districts, *viz.*, the Nagpadas and Byculla. The six sections of the highest mortality were :—

1st Nagpada	1·97
2nd do.	1·70
Byculla	1·37
Tardeo	1·36
Worli	1·29
Girgaum	1·25

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM SMALL-POX BY SECTIONS DURING 1896.

Wards.	Sections.	Population of 1891.	Number of Deaths.	Rate of Mortality per 1,000 of Population.
A	Colaba... Upper	4,335	...	...
	Colaba... Middle and Lower	13,622	7	·51
	Fort..... Southern	3,951	...	...
	Fort..... Northern	32,847	30	·91
	Esplanade	10,064	7	·69
B	Mandvi	37,295	35	·93
	Chuckla	32,197	21	·65
	Umarkhadi	52,466	26	·49
	Dongri	30,317	30	·98
C	Market	44,751	40	·89
	Dhobi Talao	39,945	49	1·22
	Fanaswadi	24,069	20	·83
	Bhuleshwar	38,363	26	·67
	Khara Talao	27,035	12	·44
	Kumbharwada	32,209	35	1·08
D	Khetwadi	28,814	18	·62
	Girgaum	26,999	34	1·25
	Chaupati	11,512	4	·34
	Walkeshwar	12,990	1	·07
	Mahalakshmi	17,014	9	·52
E	Mazagon	33,640	20	·59
	Tarwadi	21,298	17	·79
	2nd Nagpada	18,768	32	1·70
	Kamathipura	29,203	15	·51
	Tardeo	18,980	26	1·36
	Byculla	47,403	65	1·37
	1st Nagpada	11,133	22	1·97
F	Parel	28,740	25	·86
	Sewri	6,063	5	·82
G	Sion	19,601	9	·45
	Mahim	18,505	7	·37
	Worli	25,493	33	1·29
	Water Division	22,142	2	·09
	Non-resident and unknown	.....	19	...
	Total.....	821,764	701	·85

TABLE SHOWING THE MORTALITY FROM SMALL-POX AMONGST MALES AND FEMALES AT DIFFERENT PERIODS OF LIFE IN 1896.

Ages.	MALES.			FEMALES.			PERSONS.		
	Population.	No. of Deaths.	Per 1,000 of Population.	Population.	No. of Deaths.	Per 1,000 of Population.	Population.	No. of Deaths.	Per 1,000 of Population.
Under 1 Year	12,427	120	9·65	12,864	131	10·18	25,291	251	9·92
From 1 to 2 Years.	6,619	38	5·74	6,884	34	4·93	13,503	72	5·33
„ 2 to 3 „	6,898	12	1·74	7,250	10	1·37	14,148	22	1·55
„ 3 to 4 „	6,368	5	·78	6,564	11	1·67	12,932	16	1·23
„ 5 to 9 „	33,969	28	·82	32,229	30	·93	66,198	58	·87
„ 10 to 14 „	47,664	33	·69	30,242	17	·56	77,906	50	·64
„ 15 to 19 „	57,181	26	·45	33.598	30	·89	90,779	56	·61
„ 20 to 24 „	74,160	49	·66	37,485	28	·74	111,645	77	·68
„ 25 to 29 „	72,650	29	·39	31,282	17	·54	103,932	46	·44
„ 30 to 34 „	61,687	18	·29	27,079	6	·22	88,766	24	·27
„ 35 to 39 „	38,190	8	·20	16,568	6	·36	54,758	14	·25
„ 40 to 44 „	38,287	8	·20	20,182	2	·09	58,469	10	·17
„ 45 to 49 „	18,263	1	·05	9,297	...	...	27,560	1	·03
„ 50 to 54 „	20,825	1	·04	13,443	2	·14	34,268	3	·08
„ 55 to 59 „	7,251	...	...	4,565	...	...	11,816	...	...
Over 60 years ...	15,659	...	...	14,139	1	·07	29,798	1	·03
Total.....	518,093	376	·72	303,671	325	1·07	821,764	701	·85

32. The experience of the treatment in the Infectious Diseases Hospital, Arthur Road, during the past year, as exhibited in the statistics, confirms in a remarkable manner the influence of vaccination in modifying the virulence and reducing the mortality from Small-pox. Yet it has to be remembered in drawing a conclusion from these statistics that a large proportion of the unvaccinated were generally strangers who came in search of work or food, and often, if not vagrants and destitute, were very poor.

Race.	Vaccinated.			Unvaccinated.		
	Number treated.	Death.	Death-rate.	Number treated.	Death.	Death-rate.
Christians	39	2	5·12	104	25	24·03
Hindoos	42	1	2·38	49	18	36·73
Mussalman	9	1	11·11	59	25	42·37
Parsees	1	...	.....	.....	.....	.....
Total	91	4	.....	212	68	.....

Abstract of the Monthly Returns of Vaccination by the Superintendent of Vaccination, Presidency Circle, Bombay, for the year 1896.

| Months. | Total Number of persons left unprotected at the end of previous month. | Sex. | PRIMARY VACCINE OPERATIONS. | | |

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM MEASLES BY CLASSES IN 1896.

Classes.	Population.	Number of Deaths.	Per 1,000 of Population.
Jains	25,225	6	·23
Brahmins	37,982	11	·28
Lingaets	784	1	1·27
Bhatias	7,891	1	·12
Hindus of other castes	451,465	112	·24
Hindus, low-caste	45,169	26	·57
Mussalman	155,101	54	·34
Parsees	47,458	12	·25
Jews	5,021	3	·59
Native Christians	29,712	13	·43
Eurasians	4,330	1	·23
Europeans	11,290	...	...
Negro-Africans	146	...	...
Buddhists	190	1	5·26
Other and unknown castes	...	...	...
Total...	821,764	241	·29

Measles.

53. Although Small-pox was epidemic, the mortality from Measles is 303 less than in the last year. 241 deaths were registered against 544 in the preceding year. I ascribe the decrease in the mortality from this disease to the loss of life at early ages from the epidemic of Bubonic Plague. Children died from Bubonic Plague who would have succumbed to Measles. In former years the incidence of the mortality from Measles and Small-pox has followed the same course. This year the decrease in the mortality from Measles during a period when the fatality from Small-pox is greater is abnormal.

54. The mortality by class is distributed more evenly than in former years. Excluding Lingaets, amongst whom 1 death occurred, and Jews, amongst whom 3 deaths occurred, the highest mortality occurred amongst Hindu low-castes. Mussulmans have the next highest mortality—·34 per 1,000.

55. The mortality by age periods follows the same incidence as in former years, the highest mortality occurring under 3 years of age.

56. The mortality by sex exhibits a higher fatality amongst females than in males. The distribution of the sex mortality in the last year followed the same incidence.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM MEASLES AMONGST MALES AND FEMALES AT DIFFERENT PERIODS OF LIFE IN 1896.

Ages.	Males.			Females.			Persons.		
	Male Population.	Deaths.	Death-rate per 1,000 of Population.	Female Population.	Deaths.	Death-rate per 1,000 of Population.	Population.	Deaths.	Death-rate per 1,000 of Population.
Year 1	12,427	36	2·89	12,864	39	3·03	25,291	75	2·96
Years 2	6,619	34	5·13	6,884	43	6·24	13,503	77	5·70
,, 3	6,893	19	2·75	7,250	17	2·34	14,143	36	2·54
,, 4	6,368	9	1·41	6,564	8	1·21	12,932	17	1·31
,, 5 to 9	33,969	11	·32	32,229	11	·34	66,198	22	·33
,, 10 to 14	47,664	1	·02	30,242	5	·16	77,906	6	·07
,, 15 to 19	57,181	3	·05	33,598	...	...	90,779	3	·03
,, 20 to 24	74,160	...	...	37,485	1	·02	111,645	1	·008
,, 25 to 29	72,653	1	·01	31,282	1	·03	103,932	2	·01
,, 30 to 34	61,687	1	·01	27,079	1	·03	88,766	2	·02
,, 35 to 39	38,190	...	...	16,568	...	...	54,758	...	...
,, 40 to 44	38,287	...	...	20,182	...	...	58,469	...	...
,, 45 to 49	18,263	...	...	9,297	...	...	27,560	...	...
,, 50 to 54	20,825	...	...	13,443	...	...	34,268	...	...
,, 55 to 59	7,251	...	...	4,565	...	...	11,816	...	...
Over 60 years	15,659	...	...	14,139	...	...	29,798	...	...
Total...	518,093	115	·22	303,671	126	·41	821,764	241	·29

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM MEASLES IN EACH SECTION DURING 1896.

Wards.	Sections.	Population by Census of 1891.	Number of Deaths.	Rate of Mortality per 1,000 of Population.
A	Colaba { Upper	4,335	.....	.....
	Colaba { Middle and Lower	13,622	3	·22
	Fort { Southern	3,951	.....	.....
	Fort { Northern	32,847	5	·15
	Esplanade	10,064	.....	.....
B	Mandvi	37,295	12	·32
	Chukla	32,197	14	·43
	Umarkhadi	52,466	14	·26
	Dongri	30,317	8	·26
C	Market	44,751	11	·24
	Dhobi Talao	39,945	20	·50
	Fanaswadi	24,069	9	·37
	Bhuleshwar	38,363	6	·15
	Khara Talao	27,035	14	·51
	Kumbharwada	32,209	6	·18
D	Khetwadi	28,814	4	·13
	Girgaum	26,999	7	·25
	Chaupati	11,512	4	·34
	Walkeshwar	12,990	.....	.....
	Mahalakshmi	17,014	1	·05
E	Mazagon	33,640	10	·29
	Tarwadi	21,298	3	·14
	2nd Nagpada	18,768	11	·58
	Kamathipura	29,203	16	·54
	Tardeo	18,980	13	·68
	Byculla	47,403	21	·44
	1st Nagpada	11,133	11	·98
F	Parel	28,740	5	·17
	Sewri	6,063	.....	.....
G	Sion	19,601	2	·10
	Mahim	18,505	2	·10
	Worli	25,493	8	·31
Water Division		22,142	.....	.....
Non-residents and unknown		.....	1	.....
	Total	821,764	241	·29

57. The highest mortality occurred in 1st Nagpada, then followed Tardeo, 2nd Nagpada and Kamathipura in order. These sections are all localities of very insanitary conditions occupied by large numbers of either artizans, or poor people, and there is also collected in these sections a large proportion of the out-caste population and a great number of vagrants.

CHOLERA.

BOMBAY

REGISTRATION SECTIONS AND SUB-SECTIONS.

1896.
Total Attacks 642.
" Deaths 490.

Fractional figures in red show the date of the first attack in each Section.

The numerator shows the day and the denominator the month.

The figures in black show the death rate from cholera per 100,000. The calculations are based on the population of sections by the census of 1891.

Scale 3000 Feet to one Inch.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM CHOLERA IN EACH SECTION DURING 1896.

Wards.	Sections.	Population by Census of 1891.	No. of Deaths.	Rate of Mortality per 1,000 of Population.	Remarks.
A	Colaba — Upper	4,335	1	·23	
	Colaba — Middle & Lower	13,622	4	·29	
	Fort — Southern	3,951	1	·25	
	Fort — Northern	32,847	7	·21	
	Esplanade	10,064	3	·29	
B	Mandvi	37,295	16	·42	
	Chuckla	32,197	8	·24	
	Umarkhadi	52,466	16	·30	
	Dongri	30,317	35	1·15	
C	Market	44,751	20	·44	
	Dhobi Talao	39,945	39	·97	
	Fanaswadi	24,069	10	·41	
	Bhuleshwar	38,363	10	·26	
	Khara Talao	27,035	5	·18	
	Kumbharwada	32,209	21	·65	
D	Khetwadi	28,814	7	·24	
	Girgaum	26,999	32	1·18	
	Chaupati	11,512	5	·43	
	Walkeshwar	12,990	4	·30	
	Mahalakshmi	17,014	1	·05	
E	Mazagon	33,640	30	·89	
	Tarwadi	21,298	17	·79	
	2nd Nagpada	18,768	10	·53	
	Kamathipura	29,203	28	·95	
	Tardeo	18,980	16	·84	
	Byculla	47,403	37	·78	
	1st Nagpada	11,133	1	·08	
F	Parel	28,740	28	·97	
	Sewri	6,063	2	·32	
G	Sion	19,601	9	·45	
	Mahim	18,505	9	·48	
	Worli	25,493	25	·98	
Water Division		22,142	30	1·35	
Non-resident and unknown		...	3	.....	
	Total	821,764	490	·60	

Cholera.

58. 490 deaths were registered. The mortality from Cholera was comparatively high in 1896, but in the previous year an exceptionally small number of deaths occurred; only 90 were registered in that year.

59. In all 623 cases were reported, 490 of which terminated fatally. The fatality by sex is very unequal, 82 per cent. of the cases amongst males and 72 per cent. of the cases amongst females having died.

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA IN 1896.

	Cases.		
	Attacks.	Deaths.	Percentage of Deaths to Attacks.
Males	390	320	82·05
Females	233	170	72·96

60. The harbour had the highest mortality; 30 deaths on a population of 22,142, giving a death-rate of 1·35 per 1,000. Most of the cases in the harbour occurred amongst the population living in boats off the foreshore. This floating population, exposed to the inclemency of the weather, and the emanations from a tidal foreshore, and careless about the storage of their water-supply, are liable to attacks of Cholera or Choleraic Diarrhœa.

61. The second highest mortality occurred in Girgaum; 32 deaths on a population of 26,999, giving a death-rate of 1·18 per 1,000. The first case occurred on the 18th of February.

62. The third highest mortality occurred in Dongri; 35 deaths on a population of 30,317, giving a death-rate of 1·15 per 1,000.

63. Worli had the fourth highest mortality; 25 deaths on a population of 25,493, giving a death-rate of ·98 per 1,000.

64. Dhobi Talao had the fifth highest mortality; 39 deaths on a population of 39,945, giving a death-rate of ·97 per 1,000. The first case occurred on the 30th January.

65. It will be observed from the map that has been prepared and is attached, showing the dates on which the first cases occurred by localities, that the cases did not proceed from district to district, but that they occurred without regard to the position of the localities, or, in other words, that human communication was not the condition that influenced the progress and spread of the disease.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM CHOLERA BY CLASSES IN 1896.

Classes.	Population by Census of 1891.	Number of Deaths.	Mortality per 1,000 of Population.
Jains	25,225	9	·35
Brahmins	37,982	9	·23
Lingaets	784	2	2·55
Bhatias	7,891	.....	.....
Hindus, of other castes	451,465	326	·72
„ Low-castes	45,169	44	·97
Mussalman	155,101	47	·30
Parsees	47,458	19	·40
Jews	5,021	4	·79
Native Christians	29,712	25	·84
Eurasians	4,330	4	·92
Europeans	11,290	1	·08
Negro-Africans	146	.....	.....
Buddhists	190	.....	.....
Other and unknown castes	.....	.....	.....
Total ...	821,764	490	·60

66. We find that the highest mortality, excluding the small classes of populations, occurred amongst Hindu Low-castes and Native Christians —two classes living under most unfavorable sanitary conditions— especially Hindu Low-castes. I have so frequently described the unfavorable conditions amidst which Hindu Low-castes live, I need not refer to them again.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM CHOLERA AT DIFFERENT PERIODS OF LIFE IN 1896.

	Deaths from Cholera.								
	Male Population.	Males.	Per 1,000 of Population.	Female Population.	Females.	Per 1,000 of Population.	Population.	Persons.	Per 1,000 of Population.
Year 1	12,427	...	...	12,864	1	·07	25,291	1	·03
Years 2	6,619	3	·45	6,884	2	·29	13,503	5	·37
„ 3	6,893	...	...	7,250	3	·41	14,143	3	·21
„ 4	6,368	3	·47	6,564	2	·30	12,932	5	·38
„ 5 to 9	33,969	12	·35	32,229	14	·43	66,198	26	·39
„ 10 to 14	47,664	17	·35	30,242	12	·39	77,906	29	·37
„ 15 to 19	57,181	20	·34	33,598	13	·38	90,779	33	·36
„ 20 to 24	74,160	38	·51	37,485	24	·64	111,645	62	·55
„ 25 to 29	72,650	62	·85	31,282	35	1·11	103,932	97	·93
„ 30 to 34	61,687	36	·58	27,079	15	·55	88,766	51	·57
„ 35 to 39	38,190	37	·96	16,568	12	·72	54,758	49	·89
„ 40 to 44	38,287	33	·86	20,182	10	·49	58,469	43	·73
„ 45 to 49	18,263	15	·82	9,297	9	·96	27,560	24	·87
„ 50 to 54	20,825	17	·81	13,443	12	·89	34,268	29	·84
„ 55 to 59	7,251	5	·68	4,565	3	·65	11,816	8	·67
Over 60 years	15,659	18	1·14	14,139	7	·49	29,798	25	·83
Total...	518,093	316	·60	303,671	174	·57	821,764	490	·60

67. The mortality by age periods follows the same incidence as in former years. A high fatality at early periods of life and as years advance an increase in the mortality. Under 5 years of age the mortality was equal to ·21, whereas between 20 and 40 the mortality was equal to 2·72.

68. The mortality by sex falls heaviest on males, being ·60 against ·57 per 1,000 amongst females.

69. The disease became prevalent in July and was most generally diffused in August. In July 108 cases occurred, 82 of which terminated

fatally; and in August 179 cases, 137 of which ended fatally. I ascribe the prevalence of the disease in July to the abnormal season and to the development of Cholera germs in the rainy season. A demonstration in favour of the probability of this conclusion is given in the table showing the mortality in buildings by floors. That table shows that, out of 623 cases, as many as 367 occurred on ground floors amongst people living on the damp ground.

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA IN 1896.

Months.	Cases.	
	Attacks.	Deaths.
January	8	8
February	10	2
March	13	17
April	52	43
May	94	83
June	71	54
July	108	82
August	179	143
September	70	47
October	8	7
November	2	2
December	3	2
Total	623	490

TABLE SHOWING THE DEATHS FROM CHOLERA ARRANGED BY FLOORS IN 1896.

Floors.	Attacks.	Deaths.
Ground Floor	367	290
First "	114	95
Second "	71	54
Third "	16	14
Fourth "	4	3
Fifth "	1	1
Boat	38	30
Unknown	12	3
	623	490

70. The mortality, when analysed according to the period of residence, exhibits the influence of immigration on the mortality from this disease. Of the total 623 cases, 113 were under three months in Bombay, and 87 were under six months. The percentage of deaths to cases was also higher amongst the people born out of Bombay.

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA ACCORDING TO PERIODS OF RESIDENCE IN BOMBAY.

Duration of Residence in Bombay.	Cases.	
	Attacks.	Deaths.
Under 3 months	113	72
„ 6 „	87	57

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA ACCORDING TO PLACE OF BIRTH IN 1896.

Birth-place.	Cases.		
	Attacks.	Deaths.	Percentage of Deaths to Attacks.
Bombay	114	82	71·93
Elsewhere	509	408	80·16

71. The table of mortality according to the source of water-supply shows that 10 people who used well-water were attacked, 9 of whom died. The mortality classified by source of water-supply indicates, therefore, that, the virulence of the disease was greatest amongst those who used well-water.

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA ACCORDING TO SOURCE OF WATER-SUPPLY IN 1896.

Water-supply.	Cases.		Percentage of Deaths to Attacks.
	Attacks.	Deaths.	
Vehar, Tulsi and Tansa	607	475	78·25
Well-water	10	9	90·00
Unknown...	6	6	60·00

vers. 72. 8,776 deaths were registered from Fevers, being 2,372 more than in the last year and 2,117 more than the average. Of the deaths from Fevers, 7,293 were referred to Remittent Fever, being 2,143 more than in the last year and 1,897 above the average. 1,167 deaths were ascribed to Simple Continued Fever, being 244 more than in the last

year and 251 more than the average. 36 deaths were referred to Enteric Fever, being 1 more than in the last year and 12 more than the average.

73. The total mortality from Fevers shows that the highest fatality occurred in Kamathipura, Mandvi, Sewri, Khara Talao, Mazagon and Kumbharwada.

74. The mortality in Sewri and Mazagon was enhanced by the occurrence of cases of Bubonic Plague in these sections.

75. The death-rate on the small population of Sewri was equal to 2·14 per 1,000.

TABLE SHOWING THE NUMBER OF DEATHS AND THE RATE OF MORTALITY IN EACH SECTION FROM FEVERS DURING 1896.

Wards.	Sections.	Population.	Number of Deaths from Fever.	Death-rate per 1,000.
A	Colaba... Upper	4,335	11	2·53
	Colaba... Middle and Lower	13,622	176	12·92
	Fort..... Southern	3,951	5	1·26
	Fort..... Northern	32,847	289	8·79
	Esplanade	10,064	71	7·05
B	Mandvi	37,295	582	15·60
	Chukla	32,197	374	11·61
	Umarkhadi	52,466	580	11·05
	Dongri	30,317	404	13·32
C	Market	44,751	435	9·72
	Dhobi Talao	39,945	435	10·88
	Fanaswadi	24,069	204	8·47
	Bhuleshwar	38,363	311	8·10
	Khara Talao	27,035	387	14·31
	Kumbharwada	32,209	443	13·75
D	Khetwadi	28,844	215	7·45
	Girgaum	26,999	286	10·59
	Chaupati	11,512	76	6·60
	Walkeshwar	12,990	79	6·08
	Mahalakshmi	17,014	85	4·99
E	Mazagon	33,640	477	14·17
	Tarwadi	21,298	217	10·18
	2nd Nagpada	18,768	245	13·05
	Kamathipura	29,203	468	16·02
	Tardeo	18,980	235	12·38
	Byculla	47,403	481	10·14
	1st Nagpada	11,133	94	8·44
F	Parel	28,740	304	10·57
	Sewri	6,063	94	15·50
	Sion	19,601	173	8·82
G	Mahim	18,505	198	10·69
	Worli	25,493	267	10·47
Water Division		22,142	28	1·26
Non-resident and unknown		.....	47	.....
	Total.....	821,764	8,776	10·68

76. The mortality by classes is most interesting. In the first place it will be observed that the mortality of Europeans is 11 less than in 1895. Europeans and Bhatias are the only communities in which the mortality from Fevers was lower than in the last year. Curiously, amongst the small community of Lingaets the mortality was the same. The highest death-rate occurred amongst Jains. The mortality amongst Hindu Low-castes was 3,939 higher than in the mass of the Hindu population and 3,085 higher than amongst Mussulman. The mortality in the Parsee community rose to only 6·74 per 1,000 against 6·63 in the last year. The enhancement in the mortality amongst Parsees represents an increase of 5 in the number of deaths. It is remarkable that, although the mortality of Mussulman is high, yet the loss of life is less than in 1871, 1872, 1877, 1878, 1879 and 1880.

TABLE SHOWING THE NUMBER OF DEATHS AND DEATH-RATE FROM FEVERS BY CLASSES DURING 1896.

Classes.	Population of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	458	18·15
Brahmins	37,982	375	9·87
Lingaets	784	11	14·03
Bhatias	7,891	77	9·75
Hindus of other castes	451,465	4,729	10·47
Hindus, low-caste	45,169	790	17·48
Mussalman	155,101	1,644	10·59
Parsees	47,458	320	6·74
Jews	5,021	39	7·76
Native Christians	29,712	259	8·71
Eurasians	4,330	26	6·00
Europeans	11,290	35	3·10
Negro-Africans	146	12	82·19
Buddhists	190	1	5·26
Other and unknown castes	.....	.....	.....
Total.....	821,764	8,776	10·68

TABLE SHOWING THE MORTALITY FROM FEVERS AMONGST MALES AND FEMALES AT DIFFERENT AGE PERIODS IN 1896.

AGES.	Males.			Females.		
	Male Population.	No. of deaths.	Per 1,000 of Population.	Female Population.	No. of deaths.	Per 1,000 of Population.
Under 1 year ...	12,427	834	67·11	2,864	842	293·99
1 to 2 years ...	6,619	297	44·87	6,884	311	45·17
2 to 3 „ ...	6,893	136	19·73	7,250	161	22·20
3 to 4 „ ...	6,368	81	12·71	6,564	93	14·16
5 to 9 „ ...	33,969	220	6·47	32,229	247	7·66
10 to 14 „ ...	47,664	261	5·47	30,242	256	8·46
15 to 19 „ ...	57,181	310	5·42	33,598	212	6·30
20 to 24 „ ...	74,160	436	5·87	37,485	233	6·21
25 to 29 „ ...	72,650	502	6·90	31,282	246	7·86
30 to 34 „ ...	61,687	407	6·59	27,079	197	7·27
35 to 39 „ ...	38,190	303	7·93	16,568	140	8·45
40 to 44 „ ...	38,287	328	8·56	20,182	177	8·77
45 to 49 „ ...	18,263	177	9·69	9,297	74	7·95
50 to 54 „ ...	20,825	232	11·14	13,443	133	9·83
55 to 59 „ ...	7,251	99	13·65	4,565	61	13·36
60 and over ...	15,659	446	28·48	14,139	324	22·91
	518,093	5,069	9·78	303,671	3,707	12·20

TABLE SHOWING THE RATE OF MORTALITY FROM FEVERS IN DIFFERENT CLASSES AND RACES DURING THE FOLLOWING YEARS.

	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894	1895.	1896.
	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.	Per 1,000 of Population.
Brahmins	9·16	9·24	8·42	8·50	9·24	9·70	10·40	15·84	14·36	11·84	6·18	4·71	5·50	6·80	7·19	5·61	6·35	6·35	7·98	7·98	7·18	9·13	7·97	8·74	8·63	9·87
Hindus of other castes than Brahmins, Bhatias, Lingaets & Jains.	9·07	12·19	9·61	8·16	7·42	8·63	22·65	15·34	13·09	11·99	9·30	7·03	7·58	8·39	8·09	7·25	6·98	8·33	8·87	8·06	7·72	8·66	6·52	7·66	7·15	10·47
Hindus, low-caste..	8·90	16·26	13·14	7·01	4·68	10·11	28·35	19·84	14·22	14·29	10·50	11·60	12·58	14·49	12·60	10·34	9·62	14·41	14·59	10·26	14·85	19·77	10·87	8·56	10·60	17·48
Mussulman	12·53	11·74	10·22	9·24	10·63	10·59	18·36	19·10	16·64	13·17	8·31	6·36	7·03	8·92	8·99	8·22	8·07	8·74	10·16	9·14	8·65	8·74	7·19	7·85	8·19	10·59
Parsees	4·94	4·30	3·65	4·12	3·90	4·24	5·42	5·87	5·19	4·85	5·67	5·45	5·96	6·48	5·76	5·72	3·95	5·04	6·37	5·53	6·44	6·38	5·60	5·26	6·63	6·74
Native Christians.	8·43	7·72	6·21	7·00	4·69	6·56	12·50	12·42	9·03	10·58	8·07	6·54	8·43	7·48	8·66	4·88	5·56	7·48	6·64	7·00	7·30	9·89	7·53	8·27	7·67	8·71
Europeans	2·89	2·75	2·75	2·48	3·17	1·51	4·13	3·72	3·03	1·93	2·77	2·29	1·72	1·91	2·00	2·39	2·67	1·15	4·01	1·43	1·68	3·36	2·65	1·94	4·07	3·10

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM FEVERS BY CLASSES AND MONTHS IN 1896.

Classes.	Population by Census of 1891.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		TOTAL.	
		No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.
Jains	25,225	28	13·32	36	17·12	30	14·27	44	20·93	38	18·07	22	10·46	22	10·46	25	11·89	43	20·45	47	22·35	39	18·55	84	39·96	458	18·15
Brahmins	37,982	33	10·42	22	6·95	38	12·00	31	9·79	31	9·79	20	6·31	15	4·73	27	8·53	42	13·26	22	6·95	30	9·47	64	20·22	375	9·87
Lingacts	784	..	..	..	..	2	30·61	1	15·30	2	30·61	1	15·30	..	...	1	15·30	1	15·30	1	15·30	1	15·30	1	15·30	11	14·03
Bhatias	7,891	8	12·16	8	12·16	5	7·60	11	16·72	6	9·12	7	10·64	3	4·56	5	7·60	9	13·68	3	4·56	4	6·08	8	12·16	77	9·75
Hindus of other castes.	451,465	294	7·81	319	8·47	276	7·33	371	9·86	337	8·95	226	6·00	272	7·22	339	9·01	433	11·50	351	9·32	434	11·53	1077	28·62	4729	10·47
Do. low-caste	45,169	46	12·22	63	16·73	91	24·17	109	28·95	79	20·98	55	14·61	34	9·03	54	13·90	51	13·54	33	8·74	37	9·82	138	36·66	790	17·48
Mussulman	155,101	112	8·66	109	8·43	124	9·59	152	11·76	122	9·43	112	8·66	114	8·82	131	10·13	124	9·59	130	10·05	133	10·29	281	21·74	1644	10·59
Parsees	47,458	24	6·06	13	3·28	23	5·81	38	9·60	46	11·63	40	10·11	31	7·83	20	5·05	19	4·80	21	5·30	21	5·30	24	6·06	320	6·74
Native Christians	29,712	28	11·30	22	8·88	21	8·48	30	12·11	24	9·69	19	7·67	12	4·84	15	6·05	22	8·88	20	8·07	21	8·48	25	10·09	259	8·71
Europeans	11,290	2	2·12	..	..	1	1·06	4	4·25	6	6·37	4	4·25	4	4·25	4	4·25	..	..	8	8·50	1	1·06	1	1·06	35	3·10

TABLE SHOWING THE AVERAGE NUMBER OF PERSONS TO A ROOM AND THE AVERAGE SIZE OF ROOMS WHERE CASES OF CHOLERA OCCURRED IN 1896.

SECTIONS.	Average Number of Persons to a Room.	Average Size of Rooms.			Cases.
		Length.	Breadth.	Height.	
Middle and Lower Colaba ...	2·4	13·0	9·4	9·4	5
Fort, Northern	4·4	12·2	9·1	9·1	13
Esplanade	8·0	12·5	9·0	12·0	2
Mandvi	4·3	14·4	9·1	8·8	16
Chukla	4·1	15·0	10·0	8·3	7
Umarkhardi	4·9	11·5	9·3	8·8	25
Dongri	3·4	9·9	9·3	9·0	29
Market	6·4	12·0	8·7	8·3	18
Dhobi Talao	4·2	13·3	9·6	8·6	49
Fanaswadi	4·1	12·1	9·5	7·2	28
Bhuleshwar	3·7	16·5	10 2	10·2	16
Khara Talao	6·1	12·9	8·0	8·7	8
Kumbharwada	4·2	10·3	7·8	7·8	20
Khetwadi	3·2	11 2	8·6	11·5	12
Girgaum.....	4·4	15·4	10·7	9·6	27
Chaupati	3·7	12·5	9·8	8·8	16
Walkeshwar	3·7	14·6	12·5	12·0	6
Mazagon.....	5·2	11·3	8·7	9·4	47
Tarwadi.....	4·7	11·9	9·0	8·1	14
2nd Nagpada.....	5·1	18·3	11·4	10·2	17
Kamathipura	6·3	14·3	10·2	9·0	37
Tardeo	5·0	12·4	9·0	9·6	20
Byculla	5·7	12·7	9·8	10·9	48
1st Nagpada	3·0	8·0	8·0	10·0	1
Parel	4·1	10·3	8·1	9·2	38
Sewri	2 0	17·0	10·5	8·5	2
Mahim	4·2	10 4	7·9	7·5	11
Worli	6·1	15·2	11·7	8·8	41
Water Division.....	...	...	...	...	38
Non-Resident and unknown.	...	...	...	...	12

77. The mortality from Phthisis by sex shows the enormous loss of female life caused through seclusion in crowded, ill-ventilated dwellings. The female mortality from Phthisis is more than double the male, and this great excess of mortality falls chiefly on Mussulman and high class Hindu females. In the same classes there is also an excess mortality from the same disease amongst males, indicating that the chief cause is to be sought for in districts of insanitary dwellings. Phthisis.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM PHTHISIS BY CLASS AND SEX IN 1896.

Classes.	Males.			Females.		
	Population.	Deaths.	Per 1,000 of Population.	Population.	Deaths.	Per 1,000 of Population.
Jains	19,317	112	5·79	5,908	168	28·43
Brahmins...	26,564	82	3·08	11,418	123	10·77
Lingaets	462	4	8 65	322	3	9·31
Bhatias	4,344	36	8·28	3,547	54	15·22
Hindus of other castes ...	288,569	956	3 31	162,896	1,127	6·91
Do. low-caste	25,888	90	3·47	19,281	79	4·09
Mussulman	94,975	779	8·20	60,126	1,030	17·13
Parsees	24,705	25	1·01	22,753	36	1·58
Jews	2,590	7	2·70	2,431	8	3·29
Native Christians	20,040	24	1·19	9,672	25	2·58
Eurasians	2,294	4	1·74	2,036	5	2·45
Europeans	8,113	3	·36	3,172	3	·94
Negro-Africans	90	11	122·22	56	14	250·00
Buddhists	137	...	...	53	1	18·86
Other and unknown castes ...	...	...	...	...	...	...
Total ...	518,093	2,133	4·11	303,671	2,676	8·81

78. The sections of highest mortality from Phthisis are the most over-crowded and ill-ventilated sections of the city. They are 2nd Nagpada, Umarkhadi, Chukla, Bhuleshwar, Khara Talao and Kamathipura. These districts are always sections of the highest mortality from Phthisis, and I may once more observe that none of these sections have any open space for ventilation and recreation.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM PHTHISIS BY SECTIONS IN 1896.

Wards.	Sections.	Population.	Number of Deaths.	Rate per 1,000 of Population.
A	Colaba... Upper	4,335	3	·69
	Colaba... Middle and Lower	13,622	51	3·74
	Fort..... Southern	3,951	1	·25
	Fort..... Northern	32,847	151	4·59
	Esplanade	10,064	7	·69
B	Mandvi	37,295	266	7·13
	Chukla	32,197	373	11·58
	Umarkhadi	52,466	634	12·08
	Dongri	30,317	139	4·58
C	Market	44,751	236	5·27
	Dhobi Talao	39,945	207	5·18
	Fanaswadi	24,069	104	4·32
	Bhuleshwar	38,363	421	10·97
	Khara Talao	27,035	260	9·61
	Kumbharwada	32,209	272	8·44
D	Khetwadi	28,814	118	4·09
	Girgaum	26,999	193	7·14
	Chaupati	11,512	32	2·77
	Walkeshwar	12,990	25	1·92
	Mahalakshmi	17,014	37	2·17
E	Mazagon	33,640	115	3·41
	Tarwadi	21,298	41	1 92
	2nd Nagpada	18,768	234	12·46
	Kamathipura	29,203	263	9·00
	Tardeo	18,980	89	4·68
	Byculla	47,403	196	4·13
	1st Nagpada	11,133	57	5·11
F	Parel	28,740	72	2·50
	Sewri	6,063	9	1·48
	Sion	19,601	40	2·04
G	Mahim	18,505	67	3·62
	Worli	25,493	64	2·51
Water Division		22,142	2	·09
Non-resident and unknown		...	30	...
	Total...	821,764	4,809	5·85

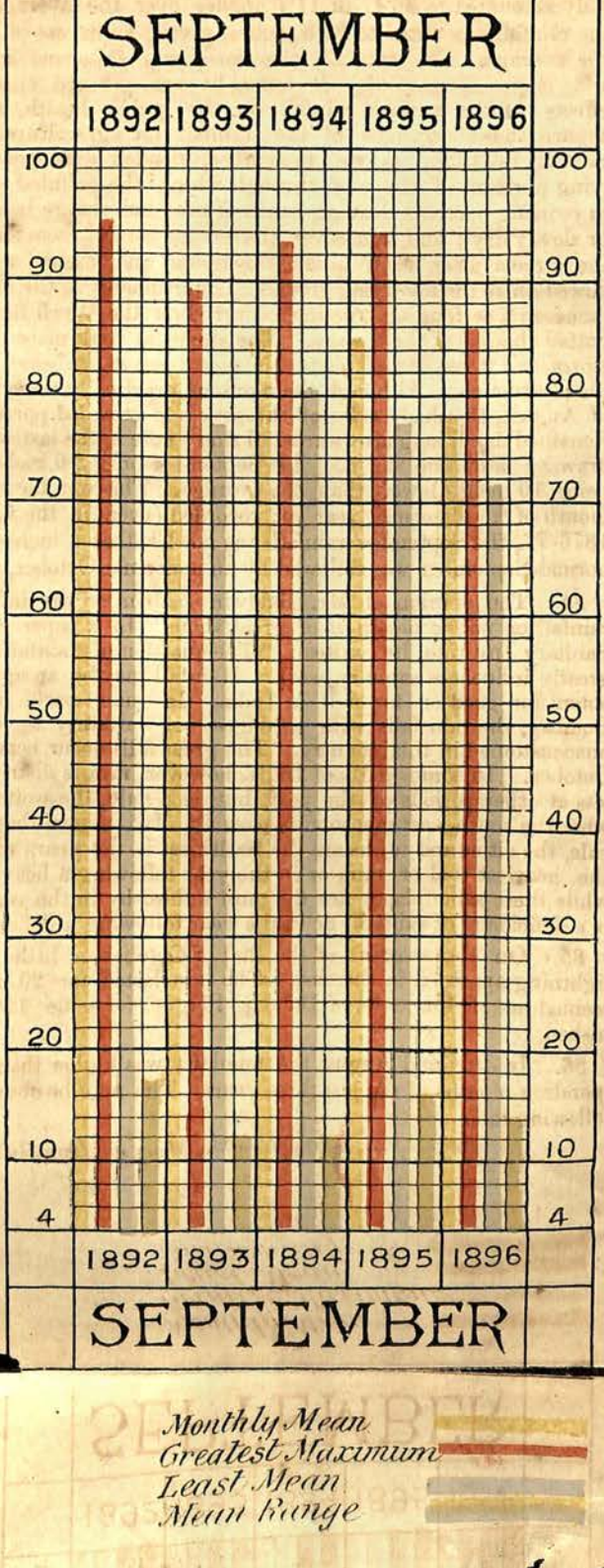
Table showing the Highest Incidence of Mortality by Sections from the Chief Death Causes.

All Causes.		Fevers.		Respiratory.		Phthisis.	
2nd Nagpada	68·09	Kamathipura	16·02	2nd Nagpada	11·61	2nd Nagpada	12·46
Kamathipura	67·76	Mandvi	15·60	Khara Talao	11·46	Umarkhadi	12·08
Khara Talao	54 07	Sewri	15·50	Kamathipura	10·88	Chukla	11·58
Mandvi	52·15	Khara Talao	14·31	Umarkhadi	10·67	Bhuleshwar	10·97
Umarkhadi	50·10	Mazagon	14·17	Chukla	10·52	Khara Talao	9·61
Tardeo	48·73	Kumbharwada	13·75	Mahim	9·88	Kamathipura	9·00

Bubonic Plague.		Small-pox.		Measles.		Cholera.	
Mandvi	8·25	1st Nagpada	1·97	1st Nagpada	·98	Girgaum	1·18
Kamathipura	7·77	2nd Nagpada	1·70	Tardeo	·68	Dongri	1·15
Middle & Lower Colaba	5·65	Byculla	1·37	2nd Nagpada	·58	Worli	·98
Dongri	3·13	Tardeo	1·36	Kamathipura	·54	Dhobi Talao	·97
Mazagon	2·76	Worli	1·29	Khara Talao	·51	Parel	·97
Dhobi Talao	2·75	Girgaum	1·25	Chukla	·43	Kamathipura	·95

DIAGRAM

Humidity in September during the last 5 years.



Diagrams. Bubonic Plague.

79. I have carried the diagrams exhibiting the mortality from Bubonic Plague on into 1897, as the progression of the epidemic in the year following often assists to an explanation of events in 1896 and not unfrequently helps to a right understanding of the momentous period. Whenever events recorded in 1897 have helped to an understanding of the rise and progress of the epidemic in 1896 I have referred to these events and I have examined the statistics of 1896 in the light of information derived from the rise and decline of the mortality in 1897.

Publication of Mortality.

80. On the 27th of January we published in addition to the number of registered plague deaths, the daily mortality from all causes. During the last weeks of January, considering the excitement of the people and the panic that prevailed, it was marvellous that the machinery for the registration of deaths did not break down and the preparation of the mortuary returns cease. Nearly every house of business in the city was deserted by its clerks and peons.

81. The progress of events may be reviewed in the following order:—

The phenomena that preceded the epidemic.
Its progress.
Incidents in its progress.
Cases of fatality amongst animals.
Historical movements.
The public alarm.
Opposition to measures.
Measures.
Opening of Hospitals.
Suggestions from the public.
Opinions of experts.
Preparation of serum.
Mortality.

Phenomena that preceded and accompanied the epidemic.

82. We have had but a brief experience of the disease and it remains to be determined by observation elsewhere whether the phenomena observed here before and after the appearance of the disease are the usual phenomena that precede or usher in, or accompany the malady. It will therefore be most interesting to observe whether these phenomena are repeated elsewhere or not. It will be well before proceeding further to record some of the phenomena that preceded the appearance of Bubonic Plague in Bombay, and secondly, to describe some of the events and circumstances of importance during the progress of the epidemic.

Rainfall.

83. The mean annual temperature of the year was 80·7, the second highest on record in the last 51 years. The total fall of rain amounted to 87·6 inches, being 15 inches above the average. But the distribution of the rainfall was abnormal, for, instead of being distributed over four months, it was distributed over a much shorter period—a little over six weeks—and instead of being succeeded by the great atmospheric disturbances designated "elephantas," the monsoon currents ceased in less than two months, and the thunder storms which we look forward to as announcing the end of the rainy season were absent. The rainfall in June was 28 inches, or 8 inches above the average, and the rainfall in

July amounted to 36·4, or 11·7 inches over the average. In August the rainfall amounted to 20·8 inches, giving an excess of 7½ inches over the average. The rainfall, therefore, was abnormal in its duration and in its distribution. It must be remembered that the sanitary effects of the annual rainfall on the public health, are as marked as are the aberrations of the rainfall on agriculture. The heavy rainfall in 1896, as we remember, flooded with sewage the low-lying portions of the city, through which the polluted streams rushed in swirling currents, leaving banks of mud and sludge behind to ferment or slowly dry; and, moreover, the sewage flowed from the sewers on to the streets after each heavy downpour and rushed up the traps and flowed on to the low-lying ground. Unfortunately in the beginning of the monsoon a serious obstruction occurred on the Worli foreshore, in the outfall channel of the sewage. The stoppage took place during a great storm, and it was impossible to send men down in the heavy seas to remove the obstruction. Although the monsoon practically ceased in the middle of August, the shady sides of the streets in crowded portions of the city remained damp long afterwards. I find a note in the last week of August, drawing attention to it. In September only 1·6 inches of rain fell, being 10 inches lower than the average. This was the most abnormal month of an abnormal year yet recorded (even in the famine years of 1876-77, the September rainfall was not less than 4 inches); and an abnormal September was followed by an abnormal October, dry and warm.

Opinion on the influence of rainfall on public health.

84. The opinion of Mr. Baldwin Latham on the influence of the rainfall on public health is of great value. In a paper read before the Sanitary Institute, he writes: "The question of rainfall in India also greatly influences sanitary work. Rainfall may be an agent powerfully potent for good or for evil in India. In many parts of India, as in Bombay, the rain falls with a degree of certainty to which we are unaccustomed in this country. The great falls occur between May and October. In some parts of India, however, rain is distributed more or less at other periods of the year, but, as a rule, the wettest seasons are when the south-west monsoon is blowing. It is shown that in India, as a rule, the cities and towns are the healthiest in the years when they have the heaviest fall of rain, or in the year following a heavy fall of rain, while these same places are the most unhealthy in the year when there is a deficiency of rainfall, or in the year following a deficiency."

85. On the evening of the 2nd of October a little rain fell and lightning appeared in the east. The rain lasted for 20 minutes, and it seemed as if the cases of Bubonic Plague for some 12 hours diminished.

Humidity table.

86. In July and August the humidity was higher than in the corresponding months of the last three years. This may be observed from the following table:—

Table showing the Monthly Mean of Humidity.

	1893.	1894.	1895.	1896.
July	·84	·86	·85	·87
August	·84	·84	·85	·86

87. In December the humidity, notwithstanding the early and abnormal cessation of the monsoon, and the higher temperature of the autumn was higher than in 1895.

Temperature.

88. The temperature of the hot season was exceptionally high, and the temperature for the last four months of the year was higher than the average. The last months of the cold season of 1897 were exceptionally cool.

Tables of barometric pressure.

89. A gradual rise in the barometer in October, November and December was registered. The diminution of pressure indicates more soil air and more impurity of the atmosphere. The mean range in each month may be seen from the following table :—

	Barometer mean range.
August	·076
September	·098
October	·111
November	·111
December	·116
January	·113
February	·119
March	·121
April	·119
May	·098

Temperature tables.

THE MAXIMUM TEMPERATURE IN DIFFERENT YEARS COMPARED.

Months.	1891.	1892.	1893.	1894.	1895.	1896.	1897.
January	87·1	88·1	85·0	84·3	81·6	85·1	87·0
February	83·2	86·4	84·2	86·3	90·1	83·6	81·4
March	84·9	89·0	86·3	88·3	72·5	88·0	84·0
April	89·1	91·4	91·7	89·3	90·9	92·6	91·1
May	89·4	93·0	89·6	89·7	90·1	91·7	91·2
June	90·7	88·7	89·4	90·4	91·5	91·0	91·3
July	86·6	88·7	85·4	87·0	87·0	86·4	...
August	84·4	84·3	84·4	84·7	84·4	89·3	...
September	85·0	84·3	84·4	83·6	86·7	89·2	...
October	90·4	88·6	88·0	87·3	92·2	91·4	...
November	89·9	86·9	89·0	88·4	88·8	91·9	...
December	87·2	85·8	85·4	86·4	86·5	87·2	...

Phenomena affecting the water-supply.

90. In 1894, about the time that Bubonic Plague came into Hongkong, phenomena affecting and corrupting the water-supply of Bombay appeared, which ought to be recorded.

"But in April the water in the Tulsi Lake and also in Vehar was "in a dangerous state of impurity from vegetable growths and vegetable "matter. The water had an odour of decay. I attributed the unusual "growth of vegetable matter to the abnormal atmospheric conditions "and especially to the clouded sky, the effect of which was seen in the

"growth of vegetable matter in tanks within the City and wherever "there was wet ground and on the water of tanks between Bombay and "Vehar."

91. In the early days of the monsoon of 1896, a writer thus described the floods to the north of the city : Floods.

"The extraordinary flooding at the end of last week, especially on the vacant land in the north of the island, almost suggests that there must be some serious obstruction to the flowing away of the rain-water by the ordinary channels. This may possibly have been increased in these localities by building operations. Another possible explanation is that the ground is so saturated with water from an overabundant and wasted water-supply that it does not permit of the same percolation downwards that was possible a couple of years ago. Whatever the cause may be, all the vacant land north of Byculla between buildings looked on Saturday like pools of water, and where the water has subsided, banks of silt and sewage have been left, so that a stranger would think that some hill torrents had been flowing on to the low-lying parts of Bombay. We doubt if the health of the city will be improved by this. In some parts of the town, as for instance, Bhendy Bazar, Parel Road, &c., there has been an unusual amount of water lying on the roads."

92. The following descriptions of the inundations around Bombay taken from the *Times of India* of the 1st August are of great interest. They give a sombre picture of the floods around the Island, and we can contemplate the vast expanse of mud that lay putrefying as the waters subsided. I read, "the oldest inhabitant does not remember such unprecedented fall of rain as that which has deluged the country during the past few days." Extract from Press.

* * * * . "These floods, which were not so heavy as those which followed, commenced to subside two days after when the weather showed signs of clearing, and it was generally hoped that the worst had passed, but the clouds began to gather again, the skies were overcast and the rain came down in torrents, never ceasing till the evening of Thursday, the 30th. These latter rains helped to swell the floods to an alarming extent. The waters, continuing to rise, soon overtopped the Waldoni Bridge, and as the authorities entertained grave doubts about the safety, orders were issued cancelling all through trains. The rain holding off, the waters commenced to subside on Thursday morning and large tracts of country were still submerged."

93. Owing to the great floods that swept across the Salsette plain, embankments of the Tansa line were washed away, the supply of water from Tansa was stopped, and consequently there was some difficulty in obtaining water quickly in Bombay. The result of this interruption in the water-supply was, as I find from a note at the time, that people commenced to use well-water ; the effect of using well water was a considerable increase in the number of cases of diarrhœa. The water-supply from Tansa was cut off between the 29th of July and the 18th of August. Water-sup interrupt

Redistribution of Tansa water.

94. In the *Times of India* of the 21st August we read :—" We are glad to find that it has been possible since yesterday, to distribute again Tansa water. Since the damage to the embankment of the Tansa main, and the stoppage of the supply on the 29th of July last, Tansa water has not been supplied, and it has not also been possible to give a filtered supply from either Vehar or even Tulsi water. It is probable that there will be a considerable improvement in the public health during the next week, but we are not prepared to ascribe it to the re-introduction of Tansa water however much purer Tansa water is than the supply from the other lakes, but rather to the break of the rains and sunshine acting on a saturated and sodden soil."

95. In September the godowns in Mandvi were still damp inside, and the wood-work in some of them mildewed.

We had therefore the following abnormal phenomena :—

1. An abnormal season of rainfall that lasted only about half the normal period.
2. An abnormally high level of sewage after heavy rain in the arterial sewers of the city.
3. Wet grain in dark and damp godowns or granaries underneath human dwellings.
4. And further a balance of some five million gallons of water a day left in the soil—the difference between the water coming into the city and the sewage going out—a balance indicating great danger at all times.

Phenomena that preceded the epidemic.

96. We have experienced the phenomena and suffered from the conditions that precede epidemics of plague in endemic zones. All traffic to the island was interrupted for five days or so. The grain lay in the wet. The low-lying portions of Bombay were under water. Swirling currents rushed down the streets and flowed by the buildings to the low-lying places under water. At the most distant points on the Esplanade near the head of the drainage system water welled up through the manholes. The sub-soil water welled up where it had never been seen before. Wells overflowed that had never been full before.

Trees killed by drainage.

97. Along the foot of Chinchpokli Hill I noticed that trees were killed by the drainage from the high ground above, and that they seemed to rot in the ground. We had therefore during this period wet grain, and wet granaries with no means of ventilation when the doors and windows were closed, and which were only opened to take out or put in grain. These are the conditions most favorable to the generation of disease, and had it been necessary to cultivate the microbe it would not have been possible to have created artificially more favorable conditions, *i.e.*, organic matter, moisture, warmth and darkness. These were the conditions that existed in granaries in the floors above which the disease first became epidemic.

98. Gibbon writes:—"In a season of excessive rain the Tiber swelled above its banks and rushed with irresistible violence into the valleys of the seven hills. A pestilential disease arose from the stagnation of the deluge, and so rapid was the contagion that four score persons expired in an hour in the midst of a solemn procession." The phenomena that preceded the appearance of bubonic plague in Bombay were not dissimilar to the calamities that afflicted the capital of the world towards the end of the 6th century. Extract from Gibbon.

99. In August I wrote to the Commissioner pointing out the danger from the immigration of famine-stricken or destitute people into the city. In September prices were rising and famine or scarcity coming. I have more than once drawn attention to the connection between the mortality in this city and the mortality in the country around, and I have pointed out that as the deaths increase or decrease in the country they increase and decrease in Bombay. Letter to the Commissioner pointing out danger of immigration.

100. In the report for 1893 I wrote:—"It has been observed in the sanitary history of this city, that whenever the season is abnormal, it is followed by a disturbance and unwholesome state of public health." Extract from Report.

101. The statement hereafter printed, prepared by the Chamber of Commerce, exhibits exactly the pressure of scarcity after the monsoon, on the poor in this city, and it will be observed from that statement that in the principal food stuffs prices had increased over 20 per cent. This table shows clearly that a year abnormal in its phenomena had been followed by a period of scarcity momentous to the population, for the relation between prices of food and fluctuations in the mortality have long been well recognized. Statement of food-stuffs and prices.

Retail Prices of Food-grain in Bombay.

Period.	Quantities sold per rupee in seers and decimals of a seer of 80 tolas.						
	Wheat.	Rice (2nd sort).	Jowari.	Bajri.	Ragi.	Gram.	Toordal (2nd sort).
1896	Seers.	Seers.	Seers.	Seers.	Seers.	Seers.	Seers.
August	13·62	10·72	15·94	13·94	15·75	12·19	10·19
September	11·03	10·06	14·10	13·59	12·37	10 62	10·19
October	7·81	8·44	10·44	8·62	13·50	8·12	8·31
November	7·12	7·81	8·56	8·28	13·50	7·81	7·97
December	7·12	8·44	9 78	9·62	11·53	8·75	8·62
Average for 5 months in 1896 ...	9·34	9·09	11·76	10·81	13·33	9·5	9·05
Do. for same period in 1895 ...	13·56	11·6	15·81	13·94	14·62	14·88	13·25
Annual average for 1895	13·13	10·56	14·88	13·94	14·11	14·45	13·25
Do. do. 1894	10·95	9·53	13·5	14·02	13·45	14·69	13·25
Do. do. 1893	9·78	7·78	13·41	13·67	13 94	12·94	12·79
Do. do. 1892	8·43	10·05	13·78	12·68	14·44	12·79	8·69
Do. do. 1891	9·7	11·11	16·92	14·01	15·11	13·64	9·49

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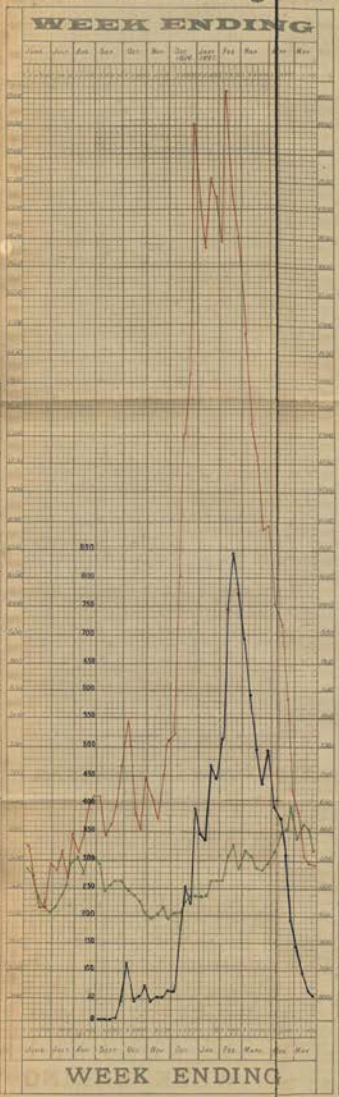
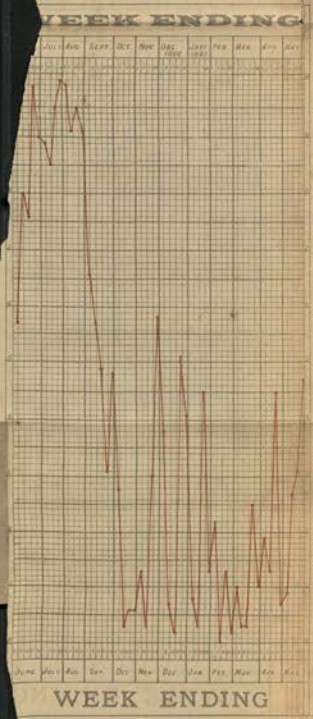
DIAGRAM.

Weekly Total and Average Mortality

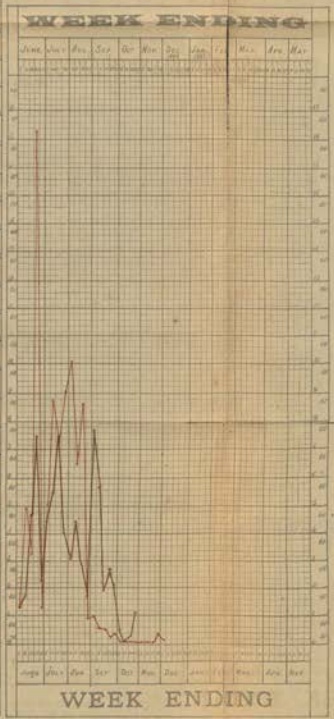


Weekly Clouded Extent



Weekly clouded extent

Weekly and Average Rainfall



Weekly Rain-fall

Average Rain-fall

Weekly Total mortality

Weekly Average do

Plague mortality

102. In July I was seriously alarmed by an outbreak of foot-and-mouth disease on this side of India and in the city; it suddenly subsided in August. This sudden outbreak aroused my apprehensions of some epidemic appearing, and measures were taken to prepare for such a visitation. Special attention was given to the state of the sewers throughout the city and to conservancy measures. The drainage of the district of Mandvi, in which the disease first appeared in an epidemic form, had given cause for great anxiety for some time. In the beginning of September my attention was drawn to four deaths that had occurred on Mandvi Bunder. None of the cases had been attended by medical men, and death was preceded by enlargement of the glands around the neck, and from the descriptions given to me the cases seemed almost like diphtheria.

Four cases at Mandvi in September like diphtheria.

Dr. Viegas notified Bubonic Plague.

Fever with glandular swellings not unknown in Bombay.

103. The first public notification of this disease was by Dr. Viegas in the end of September, and Dr. Viegas deserves much credit for the diagnosis of the case. I had no doubt even before as to the nature of the disease, and from the first the disease was treated as Bubonic Plague. But I hoped that as before when cases of fever with glandular enlargement occurred that the disease would not spread, and I believe we would have been as successful as at other times had the rats not been infected and had the year not been abnormal and food scarce and dear. It is true that the microbe in the laboratory is not affected by atmospheric changes, but looking over the historical invasions of the disease, it is difficult to believe that it is not influenced by conditions that favour or control the development of all forms of life, and that it has not its seasons of growth and decay. However, we have seen that the predisposition to the disease is influenced by the state of bodily and mental health and that those who were depressed either in mind or body were most often attacked and most frequently succumbed. In passing a judgment on the difficulties of recognition in the first cases, it has to be remembered that fevers with glandular enlargements are not unknown in Bombay and that even now with the knowledge possessed of the disease in its varying forms, and notwithstanding the suspicion with which cases of fever are regarded, the recognition of some cases of Bubonic Plague is most difficult even in an Hospital.

Public alarm.

104. Public alarm was aroused after the expression of opinion by Dr. Viegas that the disease was true Bubonic Plague. I reported that the cases were engaging our most serious and constant attention.

case seen Ranina in ... Street.

105. An early case was seen by Dr. Ranina in August in Bhandup Street. The patient was unconscious when first seen; temperature 103. According to the history, given by friends of the patient, fever had suddenly come on without any premonitory symptoms. There was great pain in the left hip which led to the discovery of two large glands below Poupart's ligament. Drs. E. F. and C. F. Underwood had

before this treated some suspicious cases with œdema over the glands of the neck. I had been consulted and seen four of the cases, and of two of these cases I have been shown a photograph.

106. The recognition of the disease was due to its prevalence in one portion of the city, amongst a class who believed in medical men. Had the disease been of the more infectious type, the pneumonic without external glandular enlargements, had it been a rapid form of fever with slight cough the type assumed by the plague during the epidemic period, there can be little doubt its recognition would have been very difficult. Dr. Viegas therefore displayed much acumen in the diagnosis of the first case. Recognition of Bubonic plague why easy at first.

107. Three deaths that occurred in Walkeshwar from fever and pneumonia in the week ending the 25th August 1896, attracted my attention. Two of the deaths were of mendicants and the third of a servant. In this week the mortality in Walkeshwar section rose to 40 per thousand from 12 per thousand in the preceding week, and it again fell in the following period. Early Walkeshwar cases.

108. The fair in Nassick commenced on the 13th August, and large numbers of pilgrims from Upper India had passed through Walkeshwar on their way to Nassick. Nassick fair.

109. There are reasons for thinking, if not believing, that the event of the pilgrimage to Nassick had an important influence on the propagation of the pestilence in this city. It has to be recollected, in forming an opinion as to the period when Bubonic Plague commenced in Bombay, that synchronously with the increase in the total mortality, in this city, there was an increase of the mortality in a number of places close to Bombay. Period when Bubonic Plague appeared, difficult to fix owing to increase of mortality being synchronous with increase of mortality outside Bombay.

110. For instance, in the Thana Collectorate, the mortality rose from 1,848 in July to 2,691 in August. In the Poona Collectorate the mortality rose from 4,384 in July to 5,286 in August. Thana increase in mortality. Poona.

111. In Surat City the mortality rose to 2,024 in July, and decreased to 1,886 in August. Surat.

112. In Kurrachee the mortality which had been 1,929 in January, decreased to 702 in August, and rose to 906 in September. Kurrachee.

113. In the presence of these facts it is difficult to ascribe the excess and the increase in the total mortality of this city in August to Bubonic Plague. The increase in the mortality of the city was synchronous with an increase in the mortality in a number of places around Bombay. If it is held that the increase in Bombay was due to concealed cases of Bubonic Plague, because no better explanation of the increase occurs, it may just as reasonably be held that the increase in the mortality in other places was due to the same cause. The increase of mortality in this City synchronous with increase of mortality around

Difficulty of getting correct information. Arthur Road Hospital case.

114. An instance of the difficulty of obtaining correct information occurred on the first day, Mons. Haffkine and Mr. Hankin visited the Arthur Road Hospital. A man, a relative of a ghorawalla of Dr. A., had been sent to hospital. He had come from Kurrachee. We were informed by his friends in the service of Dr. A. that he had come from Kurrachee two days before, and that he was ill with fever when he arrived. The case was a very important one because, if true, he might have contracted the disease before arriving in Bombay. We asked the Police to make enquiries, and the information they obtained indicated that he had been four days in Bombay. We saw him in hospital. He was suffering from a mild attack of the disease, although he succumbed afterwards. I drew the attention of Mons. Haffkine and Mr. Hankin to the case, and we commenced to ask questions of him. His replies as to the time he had been in Bombay varied from two days to four months, and when we asked him why it was he gave such conflicting replies, he answered calmly and naively that he was not right in his head, and did not quite know what he was saying.

A patient questioned by Mons. Haffkine and Mr. Hankin. Contradictory statements.

115. In July and August cases of dengue fever had been observed. Dr. Smith, R.N., read a paper before the Bombay Medical and Physiological Society on cases that had occurred in the harbour, from which I make the following extract:—

Dengue fever cases in Harbour.

"Here in Bombay we had a well-marked rush of cases in the months "of October and November 1895; a second epidemic in July and August "1896; and this last winter in the latter half of November, December, "and first half of January, a third. The accompanying diagram "shows the wave of prevalence of all fevers during the period from my "own returns. Surg.-Lt.-Col. Calloway, A.M.D., told me that they had "an exactly similar fever very prevalent at Colaba among the Irish "Rifles during the early winter months of 1895-96, that is, soon after "our first epidemic on board."

"From my experience it is difficult to find any climatic cause for the "outbreaks, the first case being in the hot dry months of October and "November, when the ships were out in the stream with abundance of fresh "air; the second when they were moored alongside the jetty at Prince's "Dock, in the middle of the wet monsoon; and this last one in the "exceptionally cold winter months we have lately experienced. With "regard to the latter about 230 men having just come out from England "to relieve those who had been out here 18 months; they had passed "through Port Said at the time of the above quoted epidemic there, "and had been granted leave on shore. Immediately on joining this "ship, they, and they only, went down with the fever rapidly, the men "who had been out for some time being quite exempt. The type of "fever, though very closely resembling what we had experienced "before, had points of difference, being much more in accordance with "that present in Egypt, chiefly in the presence of a well-marked "eruption; so that though the disease is no doubt present in Bombay

"and in this hulk, fresh infection seems to have been brought out last "autumn, probably remaining dormant until the men reached here, "when conditions were favorable for its development."

116. The difficulties of diagnosing some cases of Bubonic Plague are well described in a paper read by Dr. Hojel at a meeting of the Bombay Medical and Physiological Society on May 7th. Diagnosis of difficult cases.

He writes :—

"To-day I should like to read the notes of several cases which I "have come across, which I may call (for want of a better term), the "Abdominal type of plague. These cases too, perhaps, account "for some of the increased mortality from remittent fever in the "past nine months. In their early stages these cases bear a very "strong resemblance to enteric fever, and the differential diagnosis is "extremely difficult. I speak now purely from a clinical point of "view, as regards symptoms and signs, for bacteriological laborato-"ries and apparatus are not scattered broadcast about India; besides "which it is a fact that in many cases, cultures made from the blood "of plague patients prove sterile. It is all-important, therefore, that "one should be able to recognize such cases both for the good of the "community and one's own reputation." Difficulties of diagnosing some cases.

117. Dr. Leumann made autopsies on five of the cases treated in the European General Hospital and Dr. Hojel writes on them as follows :— Autopsy of some cases.

"Clinically speaking, the preliminary stages of all these cases, as was "the fact with all those of which I have notes, were all in favor of their "being enteric fever, with the exception, perhaps, that in the presence "of an epidemic, such as we have had with us, all cases were viewed "with more or less suspicion until they were proved to be otherwise "than plague cases. The differential diagnosis in these early stages "is, to my mind, extremely difficult, and the importance of early "diagnosis is apparent to all."

The first cases reported to me seemed, from the description of the symptoms given by the friends, to be cases of diphtheria and I may not pass over this opportunity of referring to other cases at a later period of a similar character and obscure type. The first cases like diptheria.

Six cases, two of them of a very distressing type, were found in Mazagon on the 24th of February. They were a group of cases in one family that had been brought into Bombay from Thana. One of the family, a child, had died in the train, on the way to Bombay, from Bubonic Plague. Three of the cases had glandular enlargements around the neck. One of these cases, a female, had enormous œdema of the neck extending down below the clavicles on to the chest and into the axillæ. There was great pressure on the trachea and gasping respiration. She died on the evening of the day I saw her. There Distressing type.

was another case with enlargement over the parotid and submaxillary glands. This was a milder case and doing well. Undoubtedly the cases were of plague and yet bacteriologically the results of examinations obtained by two different observers were negative. Professor Bitter who saw the cases had no doubt as to the type of the disease and that it was Bubonic Plague. They were not dissimilar to the first cases in Mandvi described to me.

Difficulty of recognition. Results negative.

118. How true the words of "Josephus," written long ages ago, when Felix was Governor of Judea, "nor did they die after one and the same manner, nor so that it was easy to know what the distemper was."

The cases in Calcutta similar.

119. The time has not yet arrived to announce the date when the first case occurred in Bombay. We must wait till the experiences of medical men throughout India have been obtained. It is not improbable that when the disease has been more generally recognized and its different types distinguished—for even now some cases are most difficult of recognition during life—it will be found that cases of a disease not dissimilar in symptoms have occurred in periods not very remote not only in Bombay, but in other parts of India. I have no doubt that the cases observed by Dr. Simpson in Calcutta, were of Bubonic Plague.

Bubonic Plague where endemic.

120. In the Himalayan ranges and lower hills on the Indian frontier, the disease is endemic, and we have to remember that Bombay is in free communication with countries beyond India where the disease is endemic.

Varying forms.

121. The following case treated in the Parel Hospital is of great interest, showing as it does the varying forms of the disease and how difficult these forms may at times be of recognition. Dr. Thomson writes :—

"The German Scientific Plague Commission experts found plague "bacilli on three different days in the blood cultures, and the day "before death and at the *post-mortem* not a single plague bacillus "could be demonstrated in the blood of any of the organs. Their "conviction was that the patient died from the severe complication, and "had his vitality been greater and no complication supervened, he "would certainly not have died of plague, all the bacilli being "destroyed."

An interesting and difficult case.

122. A very curious case was sent by me from Dongri to Grant Road Hospital. Some medical men present had doubts about the case. The case was of a boy suffering from mycetoma of the foot. He had no indications of Bubonic Plague, except a peculiar look about the face and a peculiar tongue covered with a white fur. The case was kept under observation. The Russian Scientific Mission made a culture from the foot and obtained plague bacilli. This case afterwards developed an abcess in the liver.

123. The order in which the first cases in different localities occurred is of much interest. First cases in different localities in order.

124. On the 10th of August, I heard of two cases of fever with enlarged glands in the neck.

125. The first two cases treated by Dr. Ismail Jan Mahomed occurred on the 21st and 24th August. The patients were Multanis and lived in Broach Street. Both had gone to Nassick on a pilgrimage and had returned four days previous to illness. The first case was seen by Dr. Ismail Jan Mahomed on the 21st, the symptoms being high fever, delirium, lung complications and small glandular swellings in the right groin.

126. The first case of Bubonic Plague registered occurred on the 31st of August, in Broach Street, the name of the patient was Soonderbai, aged 25, caste Bhansali.

127. In September, a Bhattia, suffering from Bubonic Plague, fled from Mandvi to Naigaum.

128. On the 25th of September, I received a letter from the Acting Health Officer of the Port, in reply to an inquiry from me, to the following effect:—"Not a single case of the character you refer to, "namely, fever with glandular enlargements, has been brought to my "notice in the harbour up to the present." No case in Harbour up to end of September.

129. In the last week of September, a number of people left Mandvi and went to Walkeshwar to live in the Walkeshwar Temple compound; two of them died.

130. At the same time, many Hindoos from plague-stricken localities, had gone to the tank at Walkeshwar, to have the ceremonies for the dead performed, and food distributed to the Brahmins and the poor. Migration of people and the ceremonies for the dead.

131. On the 5th of October, a case was reported in Peerkhan Lane, 1st Nagpada.

132. The following is a case that escaped from Bombay on the 11th of October, an account of which will be interesting. A labourer by name P. T., caste Wani Waswul, was living on the north side of Musjid bridge near the Police chowkey and working in a godown at Colaba. In the afternoon of the 11th October, he felt feverish and afterwards noticed a swelling on the right foot, and became anxious to leave Bombay, and sent a telegram to a brother in Dhulia that he was coming to him. He left Bombay on the night of the 11th. On the morning of the 12th he arrived at Chalisgaon station. There he hired a tonga and on the way became very ill, but he now noticed that a bubo had appeared in the right groin, and, according to the account given by himself to the doctor at Dhulia, before his death, he was so terrified at the sight of the bubo that he fainted away. He reached Dhulia that evening, and died in hospital on the 14th of Bubonic Plague. This case illus- The flight and the desire to wander.

trates the extraordinary desire to go somewhere or wander anywhere, that came over people suffering from Bubonic Plague.

133. On the 14th of October, a very suspicious case occurred in Carpenter Street in Mazagon, where afterwards a severe outbreak occurred. The patient was isolated.

134. A case occurred also in Kamathipura on the 14th of October.

135. On the 21st of October, two suspicious cases occurred in Khetwadi, and in the first week of November three other cases were reported in the same locality.

136. On the 30th of October, two cases occurred in Umarkhadi.

137. In Dhobi Talao suspicious cases occurred.

138. On the 1st of November, a girl died in the Dharamsala, Foras Road, of Bubonic Plague. She had been two days ill, and had not been attended by a medical man.

139. On the 6th of November, a case occurred in Shaik Abdul Rahman Street on the opposite side to the market.

ases removed om the City the north of land.

140. In the first week of November, a case was removed from Bhuleshwar to a place as far north as Matunga.

141. A very interesting group of cases occurred in November in Middle Colaba in the ranges of chawls on the Victoria Bunder. These chawls are built on open ground on the sea face and close to mills. Eight cases occurred ; of the eight four were children under 12 years of age, the other four were women working in the spinning department of a mill and not in the godowns. Seven out of the eight cases occurred in one house. The children and women had not been out of Colaba for months.

142. In Khara Talao a case was detected on the 9th of November and sent to hospital.

143. On the 11th of November, a case was reported in Marine Lines, Dhobi Talao.

he first ropean case.

144. The first case of a European occurred on the 12th of November in the Fort, South. The patient had been to Mandvi, and was said to have been liable to glandular swellings after exertion. He was not of robust constitution. The house in which he lived was a large, ill-lighted building. Dr. Dadysett gave me the following note of the case :—

" I have the honor to acknowledge the receipt of your letter, " No. 30499 of 1896-97, and in reply I may inform you that in my " opinion the sources from which the late Mr. S. contracted the disease are as follows :—

I. " Mr. S. had gone to the Argyle road and its vicinity for the " purpose of taking photographs about five weeks ago, and it is possible

"that he may have inhaled bad gases emanating from the drains which "were in the course of cleaning at that time. Besides he may have "gone in some of the infected houses to take photographs from balconies "or roofs.

II. "Mr. S. had been trading as a spirit seller and had his godowns "in Kalyan Street, on the Port Trust Estate, and it is possible he "may have gone to these godowns during this epidemic, and he may "have succumbed to this disease by the same causes, as we find "men dying every day, and living in houses built on this reclaimed "ground on the Port Trust Estate.

III. "Mr. S. had gone to Poona for a short change, and it is possible "he may have moved about the slums of this city, or may have passed "by the streets and lanes of this city, and may have contracted the "disease."

Dr. Sydney Smith wrote: "I was called in consultation to see "the late Mr. S.

"In going carefully into the history of the case, I learnt that he "had left Bombay for Poona on the previous Friday or Saturday, "because he had fever, and he and his mother (who was nursing him), "thought that the change might take away his fever.

"The patient and his mother informed me that the swelling and the "tenderness in the left groin made its appearance while they were in "Poona, and as his health was not improving, they returned to Bombay "on the Tuesday, the day previous to my seeing him.

"His doctor informed me that he had obstinate vomiting and severe "diarrhœa which, however, had been somewhat checked.

"Seeing the gravity of the case (although the patient was perfectly "sensible), I recommended that he should be sent to St. George's "Hospital without delay."

145. A case was reported in Chuckla on the 14th of November.

The order in which the first cases in localities occurred.

146. On the 21st of November, a case was reported as arising from a rat-bite.

147. In the last week of November, other cases occurred in Umarkhadi. In the end of November, cases had occurred in the north of Umarkhadi section.

148. In November, the outlying districts, south, west and north, had a few sporadic cases for the first time.

149. The desire of the people, when ill, to go somewhere, and especially to their country home, even when their homes were far away, was very remarkable. The same disposition I noticed in Europeans, when ill.

Desire to wander.

Cases in various localities.

150. In the beginning of December, cases became more frequent in the Fort. In one large chawl in the Fort in which there were nearly 800 people, cases were reported. Before this time a suspicious case had occurred in this building on the 1st December.

151. On the 3rd of December, we knew cases on the east of the Fort, North. On the 4th of December a case was found on the Port Trust Estate at Mody Bay Bunder.

152. On the 7th of December, the daughter of a cook in the service of an Officer of the House of Correction was attacked.

153. In the middle of December, a case was reported from Ripon Road, Byculla.

154. On the 13th of December, cases had occurred in the Marine Lines.

155. On the 15th of December, a case was reported in Duncan Road.

156. In the last week of December, cases occurred in Church street, in Mazagon.

157. On the 29th of December, a European living outside Bombay, but coming into Bombay daily on business, was admitted into the European General Hospital suffering from the disease and recovered, but he was long time in hospital.

158. In the beginning of January, two suspicious cases occurred in Colaba.

159. On the 5th of January, I reported the appearance of cases in localities far distant from the districts already infected in Worli, at the extreme north-west of the island and in huts in Narelwady, Mazagon.

160. On the 18th January, a case occurred in Upper Colaba. The patient was at once removed by us to hospital, although the parents objected to the case being removed.

161. On the 18th of January, a woman was found dead in an empty stable on the Walkeshwar Road, and we had to remove the body.

162. A case occurred on the 25th of January, on Mori Road, Mahim, in a hut occupied by Kolis. This was the first case here for a fortnight.

163. Up to the end of January, six cases had been reported of soldiers from the 21st Regiment, and one other case of a servant.

164. Towards the end of January, we ascertained that cases were being brought into Bombay from Bandora and Andheri.

165. On the 4th of February, a case occurred amongst European soldiers. He was a Gunner stationed in the Mahalakshmi Fort, and he was removed to Colaba and segregated in a tent. In this case, there were two enlarged glands, both on the right side, one in the right groin and the other over the right parotid.

166. On the 5th of February, two suspicious cases were reported from Upper Colaba.

167. On the 9th of February, cases were reported from Jacob's Circle.

168. A case occurred on Bhundarwada Hill, on the 9th of February.

169. In the second week of February, a case occurred in the Bandra Slaughter House compound. Isolation sheds were put up and an hospital opened at once.

170. On the 19th February, cases occurred near the huts occupied by our scavengers in Upper Mahim.

171. On the 24th of February, cases were detected in Albion Place, among relatives of cooks, and, strange to say, we observed that the people allowed their cooks to attend on the sick, and at the same time to cook their food.

172. On the 24th of February, cases occurred in huts outside the Lunatic Asylum at the extreme south of the island.

173. On the 24th of February, a case occurred amongst the Kolis in Upper Mahim.

174. On the 27th of February, cases were occurring in Mahalakshmi Temple compound.

175. Towards the end of February, cases were reported from Cumballa Hill.

176. In the last week of February, we discovered that people ill from Bubonic Plague were being brought in secretly from Bhiwandi, part of the way by sea, into Bombay.

177. Between September and the 17th of February, 100 suspicious cases from Bombay were stopped at Poona.

178. On the 8th of April, the first case occurred in the Port Trust, Warden chawl.

179. On one of the floors of a house in which was a school, a case occurred. The school was in charge of two European ladies. As soon as they heard of the case, they sent for a Police sepoy and placed him on the front door to watch it and prevent the case escaping, and they telephoned to me. There was, however, a back door of which the ladies did not know, and on which no one was placed to guard it; by this door the patient escaped. After a long search I traced the patient to another house. School-case.

180. The objections to opening schools in buildings used as dwellings came often, even as early as in September, under our observation. One of the tenants in premises, a portion of which is used as a Municipal School, died of Bubonic Plague.

181. In the course of the disease it is very remarkable the distance and number of the places to which numbers of wealthy and even poor people fled.

Importation of cases leaving Bombay telegraphed by us.

182. In the beginning we telegraphed to Lanowlee and other places giving information of people who had escaped from Bombay, and where they were supposed to be going.

183. The first imported case noticed in Lanowlee was reported on the 14th of October. The first indigenous case in Lanowlee occurred on the 17th of April ; but it occurred a little outside the bazaar, and there was, as far as I could ascertain, no history and no suspicion of any recent case of importation.

184. The period of incubation in some cases appeared to be under two days.

Importation of cases by sea.

185. Two very interesting cases were imported by sea. One case, a steward, who came direct in a steamer from Suez, landed, suffering from slight fever; but afterwards the characteristic symptoms of Bubonic Plague appeared with enlargement of the glands on the right side of the neck. Temperature 105 ; respirations 55 at time of admission. The steamer had touched at no places between Suez and Bombay.

186. Two other cases (*a*) (*b*) I may refer to, both of which came from Assam to Calcutta and from Calcutta to Bombay by sea. The day after arriving in Bombay, they suffered from slight fever, and made up their minds to leave Bombay and go to Kurrachee. With this intention they took passages for Kurrachee and went on board the steamer. There they were examined, detained and sent to the Segregation Hospital in Reay Road.

(*a*) Temperature on admission 100. Enlarged glands in the right groin.

(*b*) Temperature 100·6. Enlarged glands in the right groin.

Both cases were afterwards removed to hospital.

187. A passenger, Mr. 'A.' on board the S.S. * * * * who had been to England for six months, was returning to Bombay in November. After leaving Suez, he suffered from fever, accompanied by pains along the chain of glands and enlargements in the right groin. The case was not considered by the doctor of the ship or by the late Doctor Manser, to be one of Bubonic Plague, but Doctor Childe, who was called, in consultation, pronounced it to be one of Bubonic Plague.

188. A very peculiar case occurred in June 1897, of a Goanese waiter on board the S.S. * * from England. When he arrived he was ill, and two days afterwards the characteristic symptoms of Bubonic Plague appeared. There was a glandular enlargement on the right side of the neck; temperature 105°; respirations 50. The steamer by which he came had come direct from Suez.

189. The following cases in Dongri Street, where there was a recurrence of cases after an interval of remission varying from two to six months, are amongst the most interesting of the instances of recrudescence :— Recurrence cases, Dongri Street.

Dongri Street, 339-349—First case 23rd September, last case 8th October. Recurrence first case 30th November.

Dongri Street, 394-398—First case 23rd September 1896, last case 4th October 1896. Recurrence first case 5th April 1897.

Dongri Street, 122-130—First case 27th September 1896, last case 15th October 1896. Recurrence first case 6th November 1896.

Dongri Street, 475—First case 29th September 1896, last case 4th October 1896. Recurrence first case 3rd March 1897.

Dongri Street, 369-375—First case 1st October 1896, last case 21st October 1896. Recurrence first case 24th March 1897.

Dongri Street, 102-106—First and last case 3rd October 1896. Recurrence first case 5th March 1897.

Dongri Street, 490-498—First and last case 6th October 1896. Recurrence first case 23rd December 1896.

Dongri Street, 33-39—First and last case 3rd October 1896. Recurrence first case 29th March 1897.

Dongri Street, 357-391—First and last case 28th February 1897. Recurrence first case 20th March 1897.

Desouza Street, 62-72—First case 21st September 1896, last case 29th September 1896. Recurrence first case 12th March 1897.

Desouza Street, 71-73—First and last case 24th September 1896. Recurrence first case 17th February 1897.

Desouza Street, 136-140—First and last case 5th November 1896. Recurrence first case 15th December 1896.

190. To indicate how often different opinions were arrived at in regard to the pneumonic type of the disease and the measures to be adopted, I quote the following extract from a report of one of the medical officers :— Different opinions about case.

"I visited the patient last evening with Dr. A. In his position as a friend of the family, irrespective of my opinion, this gentleman also concluded it to be one of Bubonic Plague. He is fully acquainted with the disease and is a practitioner of experience. Under such circumstances the building was ordered to be put into disinfection and the process was adopted without delay. This morning Dr. B. has apparently changed his mind about his previous suspicious diagnosis, and characterizes the case as one of pneumonia and bronchitis, or, I presume, broncho-pneumonia."

191. One day in Kamathipura while the Volunteer Artillery were doing splendid service, we were examining a house in one street in which deaths had occurred. The inner rooms were in total darkness. We stood in front of one of the rooms in which we were told there was no one. As we stood by the door, we heard a moan. We forced the door open and found a woman inside with high fever. A concealed case.

ick locked

192. In another house in Kamathipura, we discovered in a closed room with the door locked, a man who was very ill; he had been locked up in the room the previous night by a relative, and this friend had gone away and not come back.

f the first sent to tal found oom in lete dark-

193. One of the first women sent to the Arthur Road Hospital was found in this way. I was inspecting in Mandvi a chawl in which a death had occurred, and some of the people in the building told me that there was a woman who was mad in one of the rooms, and that there had been nobody to do anything for her, not even to feed her for two days. I went into a room pointed out to me; the room was in complete darkness and after a light had been brought I found a woman inside lying on the floor in high fever and delirium. She was in a horrible state from neglect; she had a tongue very much like that of a typhus fever case. I removed her to hospital that night, and although a very bad case, she recovered.

ed by n—death oy.

194. On one occasion in Kamathipura an incident, at once ludicrous and pitiful, occurred. A boy, a Hindoo, had been living in a Parsi family; he contracted the disease. He was in a house near the entrance and on the way to one of our stables. We made the usual arrangements for the removal of the boy. The family in which he lived were much attached to him. As soon as the Health Department Inspector told the family that the boy would be removed to hospital, the Parsi ladies objected and exclaimed they would not permit the boy to be removed; and before the lad could be removed, 13 Parsi ladies surrounded the bed, and with knives in their hands shouted that they would kill themselves if the boy was removed. The affair was telephoned to me in office. The Assistant Health Officer and I directed the Police to be sent for, and the Officers of Police came. By this time a large crowd had collected, the street was full of people, and the streets converging were thronged with great crowds. The crowds were kept back from the house, but the Police and the Health Department had formidable opponents in 13 Parsi ladies, who threatened to take their lives if the boy was removed. It was now long past dark and we decided to wait till next morning, and next morning when I came to see the boy he was dying. He died while I was in the room. This is an instance of opposition met with, yet the boy was a Hindoo and the family were Parsis.

s on us.

195. On another occasion we were followed through the streets by an old woman with her hands up who called down curses on our infamous duties.

lity of

196. In removing patients to hospital I saw many appalling instances of the rapidity of the disease and the suddenness of death. On one occasion I saw an opulent Hindoo in a crowded house, and I was asked whether he should be removed or not. I directed that he should be removed, but we did not tell the patient nor his friends. We thought

we had better not till the ambulance came. I left for office, and before half an hour had passed and before the ambulance had come, I was told that he was dead. One felt thankful and had a feeling of relief that the sufferer had not been told that he would be removed to hospital and his last moments disturbed by fright.

197. While appalling scenes were frequent, yet there were many ludicrous incidents.

An ambulance scene.

198. Here is what I saw one morning in the street behind the Municipal stables and running past the end of the chawl occupied by Municipal sweepers. The Municipal ambulance carriage was standing in the street. In a verandah lay a boy, unconscious, and apparently dying. As I came up he was being lifted into the ambulance. By the door of the ambulance stood one man, and two men lifted the boy into the ambulance. Before he was placed inside and before the hands that were joined underneath in lifting him had parted, he suddenly sat up, jumped on to the ground and ran away up a narrow gully. We followed him and caught him in a passage, and to our surprise found he was not ill from plague. Apparently he was liable to fits of unconsciousness in one of which he had fallen on the verandah and been caught by us.

Street scenes. Dead people in the streets.

199. In the papers there used to appear harrowing accounts of dead people seen lying in the streets. Very many of these people revived and recovered, though many could not be roused from unconsciousness. Whether it was the weariness of the panic, but I have never seen so many people at any other period lying on the sides of the streets.

Desire to wander and delirium.

200. The desire to wander--the delirium of the disease—is very strange and pathetic. A patient, with a temperature of over 100°, suddenly becomes influenced by this desire to wander. He leaves his house, and if he is wealthy, he drives to a Railway station and tries to proceed to some place, and he cannot tell you why. I noticed this desire to wander in all classes, and it often precedes high fever and delirium.

Rapidity of rise in temperature and sudden death.

201. The rapidity with which the temperature rises is very remarkable. The following case was one of most rapid development. A coachman in the service of Government was apparently quite well and at work at 2 o'clock. He afterwards complained of pains in his head and body. He laid down, rapid fever came on, and at 5 o'clock, on the same evening, he died.

Escape from ambulance. A pitiful case.

The following pitiful case shows how difficult it is to deal with the disease. A man came walking to the J. J. Hospital for treatment. On examination he was found to be suffering from Bubonic Plague. The hospital authorities sent for the Municipal ambulance van. The patient stepped into it. On the box, by the side of the driver, sat a sepoy. The ambulance was driven off. It arrived at Parel Hospital, but when the door was opened there was no one inside. The patient had opened the door and jumped out on the way. Information was telephoned to me, and I telephoned all over the City, as I had no

doubt the unfortunate man would be found lying somewhere. In the evening he was found lying dead, in a verandah, having walked a long way, from one district to another.

s, killing of.

202. In September I drew the attention of the Assistant Adjutant-General to the danger which might arise from men going out at nights to kill rats.

ts—Mortality

203. It is of great importance that all information available of the mortality amongst rats during this period should be placed on record. I shall now briefly review the information recorded in this office.

204. On the 1st of October I received information of rats dying in Dongri, over this district generally rats died in the last week of September.

205. On the 1st October large numbers of rats appeared in Tardeo in houses where rats had never been seen before.

ead rats in a harmacy.

206. On the 1st of October we received a letter from a pharmacy to this effect—"As some connection is suspected between the outbreak of "the plague at Mandvi, and the appearance of rats in that district, I beg "to inform you that our house has been visited by an unprecedented "number of rats. Till a fortnight ago, it was remarkably free from "them, but during the last two weeks we have killed nearly half-a-"dozen of them, while many of them have escaped the same fate. "This circumstance may have little significance, yet I consider it "my duty to call your attention to it. Some time ago the stench "issuing from the gutters was insufferable, but at present it does not "trouble us."

Dead rats in the sewage not found in numbers.

207. In October I enquired whether an unusual number of rats had been carried in the sewage to the shred-lifters at Love Grove Pumping Station. I thought it possible that dead rats in large numbers might have been carried down the sewage, but the information I received was that very few had been noticed. I also made enquiries as to whether any unusual number of dead rats had been seen on board the ships in the harbour, but they had not been observed.

208. In October dead rats were observed in Bhuleshwar. On the 23rd of October attention began to be attracted to dead rats in buildings in this locality.

209. On the 27th of October rats were found dead in buildings on the Apollo Bunder, and Mr. Hankin drew my attention to a matter of great importance—the odour from excavations behind the Annexe Buildings of Watson's Hotel, Apollo Bunder—and I wrote to the Engineer at once, in respect to it but he informed me that he could not, under the Municipal Act, interfere. All I could do was to disinfect the earth.

210. Very often people by drawing our attention to dead rats rendered a service to a locality; for instance, in a group of buildings in Matharpakady dead rats were found, and we disinfected the buildings and the locality; afterwards only seven cases occurred in the place.

211. On the morning of the 9th of November, Inspector Hallums found 5 dead pigeons in Surat Street and on the evening of the same day he found 9 more, and on the 12th he picked up 5 in the same street. Dead pigeons.

212. In one godown we were disinfecting in Musjid Bunder Station Road, 25 dead rats were found. Over this building 7 cases of Bubonic Plague occurred.

213. In November, alarmed complaints were made of the nuisance from a large number of rats dying in the Girgaum district. The disease became prevalent in this district in the end of December.

214. On the 7th of December we obtained information that rats had appeared in large numbers in Jairazbhai Street in Kamathipura section. On the 10th of December rats were found lying dead in the Marine Lines and in Dhobi Talao near the Marine Lines.

215. In December dead rats were found in the north of the island, where plague, as we were informed in a petition, had extended its "deadly paws north of Mahim."

216. There are numerous instances of the disease amongst rats, preceding the disease amongst human beings. I give a characteristic case. In a stable attached to the residence of a medical man, Dr. H., dead rats were found, the building and place were thoroughly disinfected, the tiles taken off the roof, but a coachman who slept on the floor of the stable became ill three days afterwards and died. Rats foretelling the disease.

217. In January it was reported that rats were found dead in shops in the Fort North. From the Fort, North, on the 7th of January, I received the following letter:—"We have the honor to inform you that "some rats were yesterday found dead on the first floor of the house "No. Meadows Street, and hence it is necessary to have the whole "premises disinfected, as our office is situated on the second storey."

218. A large number of dead and sick cats were observed in January. Some of the sick cats were examined bacteriologically, but the results were sterile. Dead and sick cats.

219. On the 25th of January I received the following report from Dr. Jennings:—"I have observed a large number of dead and sick "cats about and am of opinion that these animals are being affected "with some disease of the nature of the plague. It would be advisable "to suggest to the Police, that some measures should be adopted for "the destruction of these animals and the cremation of their bodies. "Inspector Hallums would be able to point out a large number that he "has observed."

220. In February I found in Bhoiwadi a cat suffering from a disease that appeared to be Bubonic Plague with enlarged glands on both sides of the neck.

221. On the 16th of February in one of the offices in the Fort a cat died, and another cat was ill with fever.

222. On the 16th of February it was reported to me that rats were dying in numbers in Upper Mahim, Gopi Tank.

223. On the 20th of February it was again reported that a number of dead rats had been found in the Fort, 20 having been taken out of one building.

224. The following case that occurred in the beginning of March will be of interest:—"Three days ago my servant was taken bad with "fever and indications of plague, and on my opening a side room "near where he sleeps, I found a large dead rat. My servant has "been removed and I have had the rooms disinfected, but on entering "the bath-room this morning, I found another dead rat."

Dead rats—alarm at.

225. As the epidemic proceeded people became alarmed in regard to the danger indicated by dead rats, and they commenced to write to us, in the following strain as this letter will show:—"As some "dead rats are found in the house I am living in, and as I am afraid "that it is infected with the plague, I want to vacate it temporarily "and live in some sheds;" and the letter finishes with a request to occupy some Municipal land.

226. In August there was a great increase in the mortality amongst cattle and sheep and goats. It will be observed from the table hereafter printed that there had been from July an increase in the number of dead animals removed. The small increase in the number of dead cats removed in July and August shown in the table will be observed. It will be observed that the mortality amongst horses decreased in these months.

STATEMENT SHOWING THE NUMBER OF DEAD ANIMALS REMOVED FROM MAY TO SEPTEMBER 1896.

Months. 1896.	Bullocks.	Buffaloes.	Cows.	Horses.	Calves.	Goats and Sheep.	Dogs.	Cats.	Other Animals.	Total.
May	34	28	17	59	410	66	325	36	9	984
June	42	30	15	51	456	67	282	34	13	990
July	38	31	11	29	712	88	184	41	19	1,153
August	47	30	22	23	870	117	224	44	18	1,395
September ...	48	33	16	31	733	104	206	36	9	1,216
	209	152	81	193	3,181	442	1,221	191	68	5,738

The historic progress of Plague.

227. In order to form a just opinion on the momentous events through which this City has passed, it is right to study the accounts transmitted to us of the great historical epidemics of Bubonic Plague.

Contagion.

228. From the earliest times the communication of a contagion from the disease has been asserted with confidence or denied with vigor. The information that the ancients derived from long experience, although less exact, is not in some respects greatly inferior to the know-

ledge which we have obtained by experiment. In the earliest ages it was observed that in some epidemics and at some periods the disease was highly contagious, while in other years and at other times of its appearance the malady was slightly, if at all, spread by human intercourse. The different types of the disease suggest the true explanation of these various and conflicting opinions.

229. The laws of Moses seemed especially directed against plague in Egypt. They prescribed the eating of food that was not raw nor sodden at all with water and of bread that was unleavened. Laws of Moses

230. The further precaution is a most remarkable one :—

> "And ye shall let nothing of it remain until the morning; and that "which remaineth of it until the morning ye shall burn with "fire."

231. And finally the Israelites went out of Egypt, the land of Plagues. The Exodus of the Israelites.

232. The laws of Moses directed against leprosy were in their ordinances equally good for the prevention of the spread of plague.

233. The events that preceded plague in the time of King David appear to have been :— Events preceding Plague in David's time.

I. A great increase of population.

II. A desire to know the increase of population.

III. The plague.

234. And lastly the plague was ascribed to the measures taken by the King. In Bombay the plague was popularly ascribed to measures that had been taken by the Municipality.

235. It is evident that the Israelites had greatly increased in numbers, and that the King had a natural desire to number them.

236. It is remarkable how the many and varying forms of the disease were recognised by Josephus. How vivid and true seems the following description of the plague in the time of King David :—

"Nor did they die after one and the same manner, nor so that it was easy to know what the distemper was. Now, the miserable disease was one indeed, but it carried them off by ten thousand causes and occasions, which those that were afflicted could not understand; for one died upon the neck of another, and the terrible malady seized them before they were aware, and brought them to their end suddenly, some giving up the ghost immediately with great pains and bitter grief, and some were worn away by their distempers, and had nothing remaining to be buried, but as soon as ever they fell, were entirely Extract fro Josephus.

macerated: some were choked and greatly lamented their case, as being also stricken with a sudden darkness; some there were, who, as they were burying a relation, fell down dead, without finishing the rites of the funeral. Now there perished of this disease, which began with the morning and lasted till the hour of dinner, seventy thousand."

237. Bubonic plague seems to have been known in Africa since the 3rd century.

The Pestilence in Athens.

238. The great pestilence in Athens of which Thucydides has left a description was in its symptoms very much like plague. In this great epidemic a question which is even up to now warmly debated—the contagiousness of the disease—was disputed.

239. A brief commentary on the pestilences that have afflicted the world would be incomplete without a reference to the description by Gibbon of the great plague that depopulated the world in A.D. 542.

Gibbon's description of the ague in the ne of Justi-n.

240. Gibbon writes:—"Æthiopia and Egypt have been stigmatised in every age, as the original source and seminary of the plague. In a damp, hot, stagnating air, this African fever is generated from the putrefaction of animal substances, and especially from the swarms of locusts, not less destructive to mankind in their death than in their lives. The fatal disease which (A. D. 542) depopulated the earth in the time of Justinian and his successors, first appeared in the neighbourhood of Pelusium, between the Serbonian bog and the eastern channel of the Nile. From thence tracing as it were a double path, it spread to the East, over Syria, Persia, and the Indies, and penetrated to the West, along the coast of Africa and over the Continent of Europe."

241. How true is the following passage after so many years—

"The infection was sometimes announced by the visions of a distempered fancy, and the victim despaired as soon as he had heard the menace and felt the stroke of an invisible spectre. But the greater number in their beds, in the streets, in their usual occupation, were surprised by a slight fever; so slight indeed, that neither the pulse nor the color of the patient gave any signs of the approaching danger."* *

"The fever was often accompanied with lethargy or delirium; the bodies of the sick were covered with black pustules or carbuncles, the symptoms of immediate death; and in the constitutions too feeble to produce an eruption, the vomiting of blood was followed by a mortification of the bowels. Youth was the most perilous season; and the female sex was less susceptible than the male."

242. Then follows a description of the *Pneumonic* type of the pestilence—

"Contagion is the inseparable symptom of the plague; which, by mutual respiration, is transferred from the infected persons to the lungs and stomach of those who approach them. While philosophers believe and tremble, it is singular, that the existence of a real danger should have been denied by a people most prone to vain and imaginary terrors."

243. Gibbon adds in a footnote—

"Mead proves that the plague is contagious from Thucydides, Lucretius, Aristotle, Galen, and common experience (p. 10); and he refutes (preface p. 11) the contrary opinion of the French physicians who visited Marseilles in the year 1720. Yet these were the recent and enlightened spectators of a plague which, in a few months swept away 50,000 inhabitants (*sur la Peste de Marseille, Paris*, 1786) of a city that, in the present hour of prosperity and trade, contains no more than 90,000 souls. (*Necker sur les Finances, i* 231)."

244. This portion of the Report would not be complete without a reference to the loss of life in that great epidemic. Gibbon writes:— "The triple scourge of war, pestilence and famine, afflicted the subjects "of Justinian, and his reign is disgraced by a visible decrease of the "human species, which has never been repaired in some of the fairest "countries of the globe."

Famine and Plague in Syria.

245. The famine of A.D. 639 was followed by a great outbreak of plague in Syria, from whence it spread. We read that: "High and low "fell quickly before the scourge, and men were struck down as by a "sudden blow, and death followed rapidly." One of the most effectual measures adopted by Abu Obeida, the great Arab General, was the removal of the people from the cities to the highlands.

English outbreaks.

246. In 1361 and 1368 the second and 3rd great plagues of England occurred. In 1563-64 a disease like the Plague killed large numbers of people in England, and it is stated that in one churchyard in London as many as 50,000 were buried.

247. In 1663 another epidemic of plague occurred in England; and I need not describe the great epidemic of 1665 of which De Foe has left a description.

Modern name in the Himalayas.

248. The modern name by which Bubonic Plague is known in the Himalayas is *Phugya Rog*. In the Terikh-i-Farishtah the plague or "Taun" is described.

249. It is remarkable that after the year 1666 the disease gradually disappeared from England, although epidemics occurred in different parts of Europe.

Outbreaks in India.

250. In 1684 the disease was observed in the army of the Emperor Aurangzebe, and this epidemic was followed by a famine.

251. In 1689 the disease again appeared in the camp of the Emperor at Bijapur, and an occurrence was witnessed when the Emperor was being carrried to prayers, exactly the same as occurred long years before in Rome. Some 70 people accompanying him died.

Escape of Europeans in Surat.

252. It is very remarkable that in Surat during the epidemics of 1684 and 1690 the Europeans escaped the disease.

Outbreaks in Bulsar.

253. In Bulsar, where in 1897 there have been many deaths from Bubonic Plague, there was a severe epidemic in 1691.

Outbreaks in Bombay.

254. In 1689 to 1690 the disease appeared in Bombay and in 1702 it was again known in this City.

255. Mr. Barrow has prepared some interesting notes on the historical epidemics of plague in India, to which I am indebted for information.

Extract from Bruce's Annals.

256. Mr. Barrow has given me the following extract from *Bruce's Annals*, vol. 3, page 502.

"I may mention that, to add to the distress of the people, a "violent tornado followed this pestilence, destroying the produce of "the land and wrecking the greater number of armed and other "vessels in harbour, and that the Government, whilst preparing "to meet another invasion, were annoyed by their old foes, the "Portuguese, who gave secret assistance to the other enemies of the "Bombay Government."

257. Sir James Campbell in the *Bombay Gazetteer* has a note on the outbreak of plague and pestilential fever in Bassein in 1690.

Extract from Bombay Gazetteer.

Gemelli Careri in Churchill's Voyages, IV, 191.—"This outbreak, "apparently the true plague, *taun* and *waba*, raged for several years "over a great part of Western India. At Ahmedabad, where it lasted "for seven or eight years, its visible marks were swellings as big as a "grape or banana behind the ears, under the arms and in the groin, "and redness round the pupils of the eyes. In 1689 it broke out with "great violence at Bijapur. All attacked with it gave up hope! It had "been in the Deccan for several years (*Muntakhabu* I. Lubab : Elliot, "vii, 337). Near Goa, in 1684, it attacked Sultan Mosam's army and "carried off 500 men a day (Orme's *Hist. Frag.* 142), raged in Surat "for six years (1684-1690), (Ovington's *Voyage to Surat*, 347) : re-"duced (1690) the Bombay garrison to 35 English soldiers (Bruce's "*Annals*, iii, 94); was so violent that it not only took away all "means of preparing for a good end, but in a few hours in Surat, "Daman and Thana carried off whole cityfuls of people (*Churchill*, "ix, 191), and at Tatta in Sind (1696) killed 80,000 souls (Hamilton's "*New Account*, I, 123)."

258. In 1690 to 1700, Sir James Campbell, quoting *Bruce's Annals*, Anderson's *English in Western India* and Hamilton's *New Account* writes :

"Bombay was in no state to receive an envoy 'either by the "'appearance of its strength, or by having disposable shipping for the "'service solicited.' The unfortunate 'Isle of the East' was plague-"stricken, empty, and ruined. Of 800 Europeans, only 50 were left—6 "civilians, 6 commissioned officers, and not quite 40 English soldiers. "There was only one horse fit to ride and one pair of oxen to draw a "coach. Bombay, that had been one of the pleasantest places in India, "was brought to be one of the most dismal deserts."

It appears that about 1635 "a plague, a pestilential disease, called "*carazzo* exactly like a bubo, had for some years infested the north "coast; cities were emptied in a few hours ; Surat, Daman, Bassein "and Thana had all suffered."

259. In 1812, the disease was prevalent in Guzerat, and was reported in Meywar ; and the city of Bombay feared then, as it fears now, an immigration of destitute persons into the city. Mr. Balla, at the Grand Jury, alluded to it in his presentment.

260. In 1813 the disease appeared in Cutch, Kathiawar and Rajputana, and spread to Sind.

261. In 1836-37 it appeared in the Jodhpore State, and it was apprehended that it would spread to Bombay.

262. The following description by a chaplain to the British Embassy of the dread excited by the appearance of plague in Constantinople, in the beginning of the Century, conveys an idea of the despair and horror induced even then by the spread of the pestilence :—

The Plague in Constantinople.

" It is impossible to give you an adequate idea of the alarm which " the disease excites here. Its ravages have been so great, that it is " looked upon, even by enlightened Europeans, with the same hopeless " terrors as in the darkest ages of ignorance and superstition. When " any person is seized with it he is abandoned to his fate even by his " nearest relatives ; no medical man will dare to approach him on pain " of being himself shunned and ruined."

263. Here is the experience of an Englishman, the Rev. Mr. Walshe, while suffering from plague in another part of the world in the Levant :— " I now found myself utterly alone, deserted by all " the world, in a solitary spot among woods and mountains. I know " not how long I continued in this condition, but the first returning " sensation was caused by the sound of a horse's hoofs clattering along. " I found it proceeded from that of a Janissary whom Lord Strangford " had despatched with all speed to look after me when he heard I was " abandoned and alone ; had it not been for him I should have remained " all night where I lay exposed to the inclemency of the weather. He " took me in his arms like a child, brought me in, and laid me in bed."

Experience of one ill and in the mountains.

264. Inoculation against Plague seems to have been known to the Greeks from an early age.

Inoculation against Plague among the Greeks.

265. There was a curious belief in regard to the virtue there may be even in a bubo :—" When a bubo suppurates, there sometimes pro- " trudes from it a quantity of fungous flesh, to which the Greeks attach " a singular virtue. They imagine whoever wears a portion of it about " his person, particularly if it be extracted from the 'King Pest,' will " never take the Plague, and hence it is carefully cut out, and the " disgusting antidote is sold as a precious charm."

Virtues in a bubo.

266. The views held on contagion in the Levant a hundred years ago are interesting. Walshe writes : —

Contagion—Views on.

" It is usual here, as elsewhere, to strike hands, in order to confirm a " bargain but personal contact was at this time deemed highly dangerous,

"and no man would touch his neighbour; but the bargain must be rati-
"fied, so a stick was brought, and each of the contracting parties holding
"the ends of it, the affair was concluded. I was here informed of the
"graduated scale on which infection proceeds, and the comparative
"danger of various substances. Besides those which were usually ad-
"mitted as susceptible, all kinds of woollen and cotton clothes, there
"was an infinite variety in the gradations of hazard in other things.
"Cats and rats were conductors, but dogs and horses were not."

Acids as disinfectants.

267. Money was generally immersed in vinegar or some other acid.

268. The knowledge of the action of acids in destroying the contagion had been handed down from early times.

Inoculation "King Pest."

269. Inoculation had even then been tried as a prophylactic, and, where the disease was supposed to have entered the system, a boil, it was imagined, appeared, which was called "King Pest." The matter from this boil was inoculated.

Dr. Maclean's experience.

270. So strong were the opinions in the beginning of this century on the question of contagion that a Dr. Maclean "proceeded to Constan-
"tinople under the direction of the Levant Company, and instead of fly-
"ing from a disease which everyone else looked on with such hopeless
"terror, he shut himself up in the hospitals along with infected patients.
"There are two plague hospitals—one near the Seven Towers in Con-
"stantinople, in a low, unhealthy situation; the other on an elevated
"site in Pera, on the high grounds above the Bosphorus. It was into
"the former the Doctor entered, with a firm impression on his mind
"that the disease was not contagious, and a design to convince others
"of the truth of his theory."

271. And here experiences repeat themselves. "His experiment was
"unfortunate—he caught the disease in the hospital. He escaped death,
"but with an extraordinary pertinacity of opinion he persisted to affirm
"that it was not contagious, but communicated to him by the marsh
"miasma in the vicinity of the hospital. Whatever opinion he enter-
"tained of the result of these experiments, there can be but one as to
"their motives. A more intrepid or disinterested devotion of self in the
"cause of humanity is not to be found in history. Nothing could abate
"his conviction of non-contagion and the absurdity of quarantines. I
"met him with a broken constitution, hastening to his last home, but
"he was still as sanguine as ever that he would live to benefit the world
"by some extraordinary improvement in the management of this terrible
"distemper, and he died, I was informed, in this firm conviction."

Mortuary statistics in London.

272. Mr. Barrow, our Secretary, has prepared for me the following note on the publication of mortuary statistics in London. It is of much interest:—

"To the recurrence of Plague in London is attributed the first publication of the "Bills of Mortality" in 1592; the object being to lessen the evils of exaggerated rumour and to warn those who

could conveniently do so, to leave London whenever the pestilence became more fatal than usual. But it was not until 1603, when the disease was again raging, that the publication of the Bills became regular and uninterrupted. With the growth of London they became unreliable, and, from about 1840, were in effect superseded by the returns of the Registrar General, whose office was created pursuant to the Act VI and VII William IV, c. 86.—"*Wharton's Law Lexicon.*"

273. The people did not, and could not, believe that the disease was as dangerous as we pronounced it to be.

People demoralized by the success of the Health Department.

274. The people had been demoralized by the successes we had in dealing with infectious diseases. They expected that the new disease would be stopped as readily as cholera had in all former years been eradicated by our measures.

The people and the Plague.

275. The people here had no conception of the sacrifices willingly made in European cities for the prevention and suppression of infectious diseases.

Regulations in America for dealing with infectious diseases.

Boston.

276. Even in a free country like America, and in the city of Boston, I find the following regulations in respect of the isolation of children suffering from infectious diseases adopted:—"2.—Every parent or guardian of any child or ward infected with small-pox, scarlet fever, diphtheria, or membranous croup shall immediately cause such child or ward to be conveyed to some isolated place or room approved by the Board of Health, and no parent or guardian shall permit such child or ward to remove from such place or room until the Board of Health shall find and certify in writing that all danger of communicating such disease to others has passed. 3.—No person, other than the attending physician, nurse, and agent of the Board of Health, shall enter any apartment or other place set apart for the treatment of small-pox, scarlet fever, diphtheria, or membranous croup until the Board of Health shall certify in writing that such apartment or place has been satisfactorily disinfected."

Opposition killing animals, &c.

277. Such a pass had we come to, that picking up a few sick pigeons caused excitement and nearly led to a riot, and peaceful Banniahs, for 10 sick pigeons, threatened to raze the city. Even the position of a dustbin was considered of public importance. All our attempts to kill or catch rats were opposed or threatened. It is difficult to persuade a people with more regard for the lives of animals than for the safety of their own kindred, that it was right to kill or to capture animals either to stay the pestilence or to obtain a knowledge of the disease. I had hopes in September that a microbe, which Professor Hankin had a supply of, would when cultivated develop and destroy rats, but on being tried it was inert. We offered rewards for all dead rats found, and very general measures were taken to destroy rats and burn the dead ones. But soon the rats became scarce, or were not to be seen outside. While

Dead rats.

Mice lively while the rats were sick.

the rats were sick in Mandvi, the mice were unaffected, and in our office in that locality the mice, when rats could not be found in the district, were numerous and lively.

Opposition to the capture of rats. Monstrous tales believed.

278. So bitter was the opposition to the capture of rats that monstrous stories were invented of our officers throwing live rats on the fires as if to give pleasure to men tired and weary, and knowing the danger of handling rats, doing what they need not do even if a sense of humanity did not forbid them. And so events proceeded, we were opposed on all sides, whether in the treatment of buildings, in the treatment of human beings, or in the treatment of animals. People whom we found sitting up and whom we begged to lie down, even before we left their doors, were again sitting up, and more than once before we left the building, we heard that they were dead, as Dr. R. often said to me: "It is useless to give advice to the people."

Sitting up. Neglect of advice.

Measures opposed to customs, &c.

279. We had to deal with some people more careful of the lives of animals than of their own. We had to carry out measures opposed to the interests, the customs and the dearest feelings of some classes of the people:—1. To clean out houses when the people themselves would not either clean the houses or employ others to do it. 2. To remove the sick. 3. To burn or expose to the sun all articles likely to have been infected.

Difficulties. Cleaning out buildings.

280. In one of the first letters I wrote which was read to the Committee appointed by Government, I asked: "(*a*) Am I, when Mussalman or Hindu scavengers cannot be obtained to clean the inside of buildings occupied by tenants, to forcibly enter with the scavengers of the Health Department who are *dheds*? (*b*) Rooms over godowns cannot be cleansed and disinfected without injuring grain in the godowns. I have caused a great deal of damage in that way. Am I to be held blameless?"

Tenacity of tenants in Mandvi.

281. In the large buildings in Mandvi the tenants would not employ people to clean down the passages and spaces outside the rooms, as they said it was the duty of the landlords. They maintained that the landlords should do it, and we could not find the landlords. The Jains and others are a people very tenacious of their rights.

Tenants who would rather live in dirt than do what they thought the landlord should do.

282. People in these and other crowded buildings complained of everything outside and of nothing inside their dwellings; to them a few leaves in a street or gully were a serious object of complaint, but the nuisances outside their own rooms and inside their houses they preferred to bear with rather than save the landlords the trouble of doing what they thought the landlords ought to do. It is a most serious defect in the law that there is no provision to compel landlords to employ an establishment to keep their houses clean.

Attack on ambulance vans.

283. On many occasions the ambulance vans were damaged even after the Plague Committee had been formed. One of my first duties in March was to go down to Falkland Road, as it had been telephoned to us

that a large crowd had collected and stoned the ambulance van. On the way I sent Assistant Surgeon Pettigrew to bring up a detachment of soldiers from the Northbrook Garden. I found a very large crowd in the street, every lane being filled, and the soldiers had to drive the crowd back.

General opposition everywhere.

284. Whether at the railway stations or in the city, nearly every hand was against the Municipal Officers simply because people did not, and would not, understand that the disease was contagious.

Opposition on religious grounds. Case in point.

285. To show what strange customs prevail, I need only refer to the defence put forward in the Police Court in a case where cows were kept on the ground-floor of a dwelling. The plea urged was that the cows were kept for religious purposes, the ladies of the household having to worship them in the morning. I believe the plea was true.

Insurance Company's complaint.

286. From an Insurance Company I received this communication :—"We are informed by the writer that a fire has been lit for fumigating purposes in his house. The ground floor of the house is used as a stable, and he complains that the fire causes danger to the house through being in proximity to the grass." I replied that there was very much more danger from the stable.

A procession.

287. In September, a large number of Bunniahs living in Mandvi went in procession to the sea and thus showed themselves to be willing to do everything to appease the gods ; but at the same time they did little to cleanse the overcrowded houses or chawls.

General hostility to removal of cases to hospital.

288. Towards the end of September and in the beginning of October a very hostile feeling had arisen. Every sanitary measure was opposed. The hostility or ill-feeling aroused by the removal of the sick to hospital was extended to all our measures.

Police help necessary and always given.

289. The Police had constantly to be called in. Scattered as the work was, throughout this great city, it was impossible for the Police to be wherever disturbances arose, although they always came quickly to the rescue of the men employed in sanitary operations.

Not one offic complained against.

290. It is gratifying that not one complaint during the period of agitation was made against any officer of the Health Department, and I believe I am right in stating, or against any officer of the Police.

Sympathy between scavengers and the people.

291. Fortunately, the hostility was not directed against the men on conservancy duty ; it was directed against the men removing the sick and those engaged in treating buildings. But a more dangerous feeling arose through the sympathy between the scavengers and halalkhores and the mass of the population : aversion to hospital, that is aversion to medical treatment and not to the building, aroused a common sympathy and intense feeling in the masses. That aversion was just as

strong against private hospitals, for instance had it not been for the tact of Professor Muller not a servant would have gone into the private hospital for servants.

Appointment of a Committee by Government.

292. On the 29th of September a Committee was appointed by Government. The Committee had their first meeting on the 31st of September and resolved that the Municipal Commissioner be requested to obtain sanction from Government to carry out, as far as practicable the sanitary measures recommended by the Surgeon General. The second meeting was held on the 9th of October, at which it was resolved that all cases, recognized as bubonic fever, should be carefully isolated or segregated in the best manner possible. Some discussion took place, and Dr. Viegas, after voting for the motion said, that he had done so on the understanding that those cases, which could be isolated or segregated in their own houses, should not be removed.

Segregation—Question of.

293. On the 29th of September the Surgeon-General wrote to Government as follows:—

The Surgeon-General's letter and advice to Government re increase of Medical Staff.

"Firstly, then, I should suggest an immediate increase of the "sanitary staff of the Municipality, both in Medical Officers who may "be chosen from local practitioners willing to serve, and subordinates, "with the special object of paying sanitary attention to quarters of "the city not yet known to be infected. I may here mention that "two cases are said to have occurred in the Fort last evening."

All suspicious cases treated as Bubonic Plague and buildings systematically treated.

294. From the very beginning, I may mention the measures suggested by the Surgeon-General had, as far as practicable, been carried out. The system of treating buildings in which cases occurred was the same all through the epidemic. There is no other system which could have been adopted.

295. One of the first orders I issued was that every suspicious case was to be treated for all practical purposes, as one of Bubonic Plague.

Notification by the Commissioner.

296. On the 6th of October, the Commissioner issued the following Notification:—"Whereas a dangerous disease, namely, Bubonic Fever, has broken out in certain parts of the City of Bombay and the Municipal Commissioner is of opinion that the ordinary provisions of the City of Bombay Municipal Act, 1888, or of any other laws in force in Bombay are insufficient for the purpose of effectually preventing the spread of such disease, Public Notice is hereby given that, with the sanction of the Government, and pursuant to the provisions of Section 434 of the said Act, the Commissioner hereby prescribes the following temporary regulations to be observed by the public and all persons concerned. And further that the Commissioner will, if necessary, take such special measures as are hereby indicated for carrying into effect the objects of the said regulations:—1. In extension of the provisions of Sections 422, 425 and 427 of the said Act, it is hereby prescribed that every person having the control or charge of any building, or part of a build-

ing shall, on demand by the Commissioner or any officer to whom the powers, duties or functions of the Commissioner under those sections may have been or may be delegated, immediately cause such building or part of a building to be opened, and shall permit the Commissioner or any such officer as aforesaid to cleanse and disinfect the same, to cause the removal for disinfection or destruction of any grain, bedding, or clothing, or of any other goods or articles found therein.

For the purpose of carrying into effect the objects aforesaid, the Commissioner or any such Officer as aforesaid will, whenever he shall deem it necessary so to do, break open and forcibly enter any such building or part of a building and, without previous notice to the owner or occupier thereof, will cleanse and disinfect the same, and direct or cause the forcible removal and disinfection or destruction of any grain bedding, clothing, goods, or articles as aforesaid. 2. In extension of the provisions of Section 424 of the said Act, it is hereby prescribed that any person suffering from Bubonic Fever, wheresoever found and whether provided with proper lodging or accommodation or not or whether lodged in a building occupied by more than one family or not, shall, on a certificate signed by the Executive Health Officer or by any duly qualified medical practitioner that such person is suffering from the said disease, be liable to be removed to any hospital or place at which patients suffering from the said disease are received for medical treatment. For the purpose of carrying into effect the objects of this regulation, the Commissioner or any Officer to whom the powers, duties, or functions of the Commissioner under Section 424 have been or may be delegated, or any Police Officer empowered by the Commissioner in this behalf, will, whenever he shall deem it necessary so to do, cause any person in respect of whom such certificate as aforesaid has been made, to be removed to any such hospital or place as aforesaid. 3. Every house in which any case of the aforesaid disease exists or has existed shall, for so long as the Commissioner shall deem necessary, be isolated in accordance with such orders as the Commissioner may in each case prescribe and every occupant of such house and other person who may be therein or who may resort or desire to obtain access thereto, shall obey any order which he may receive from the Commissioner or any Municipal or Police Officer empowered by the Commissioner in that behalf, prohibiting ingress to or egress from such house. For the purpose of carrying into effect the objects of this regulation, the Commissioner or any such Municipal or Police Officer as aforesaid will, if necessary, forcibly prevent persons from entering or leaving such house."

Public excitement and alarm.

297. The notification of the Municipal Commissioner of the 6th of October 1896 in regard to the regulations to be observed in the treatment of buildings where cases occurred, and of persons suffering from the disease, was received with loud denunciations, and answered by petitions protesting against its terms, and many classes of the population announced that they would leave the city and undoubtedly they intended to do so. It was stated that the hospitals were places of

torture and places intended to provide material for experiments. The Officers of the Health Department were charged with a brutal pleasure in dragging the sick from their homes and in killing them, and it was stated that our Sovereign Lady the Queen had demanded 500 livers of the people of Bombay to appease the wrath aroused at the insult offered to her statue. Men have said to me, "You think we are like mad dogs, and you want to kill us, as if we were."

c and the ic-stricken.

298. There were men, and aged men, from whom sage counsel and words of wisdom might have been expected, but who kept calling out, "lost," "lost!" and crying to us, "burn," "burn." As people in a panic flying, from danger unknown, so some in mad panic fled; they knew not whither. A fear seemed to have taken possession of the minds of some when all fear ought to have disappeared. Many fled from their own fears, and in flying frightened others. Some who might have been expected to be calm, if they did not remain silent, kept calling to others to fly and save themselves. They wantonly called on the Health Officer to burn down districts as if I had not chemicals to do, with not less certainty, what fire does.

299. A petition from a number of influential citizens was sent to he Commissioner on the 14th of October. It was stated that hospital ife being unknown amongst the people, the patient himself was most verse to being removed and deprived of the care and comforts he could count on in his family, and his removal was looked on, both by himself and his attendants, as certain death. In this petition it is stated that, if the regulations continued to be enforced a much larger number of inhabitants would fly from Bombay. The petitioners demanded that the regulations should be carried out by all municipal subordinates with care, judgment, and tact; that friends and relatives did not like to part with their sick nor see them taken to hospital "recklessly"; that "house measures" should not be entrusted to young and raw European and Eurasian lads; otherwise there would be more discontent and panic, and so on.

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300. It should be understood that the sick who were removed to hospital were not separated from their friends as alleged. In the Arthur Road Hospital one or two friends were always allowed to attend upon the patients, and visitors were admitted into the hospital at all hours. In one case the Medical Officer wrote that a Hindu female was admitted with ornaments of the value of a couple of hundred rupees; that the next day her relatives came to see her and took charge of the ornaments, and then went away, but never afterwards returned. The woman died, and her body had to be removed by the Municipal Authorities.

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search
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301. On the 15th of October, a Committee was appointed to enquire into the nature and history of the disease.

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302. On the 20th of October, 500 mill-hands assembled on the road outside the Arthur Road Hospital and threatened to wreck the building and carry off the patients. On the 29th, some 900 or 1,000 mill-hands collected and rushed into the compound of the Hospital and threw stones

at the building chasing the staff into the offices and inside the hospital. Even some of the patients were struck by the missiles and all were greatly terrified. The news of the disturbance was at once telephoned to the Police who promptly appeared on the scene. In this disturbance one of the ambulance vans was smashed, and the roof of the hospital damaged.

303. The mill hands were a source of much anxiety. Yet they had been very considerately dealt with. Whenever a case had occurred in mill buildings occupied by mill-hands, or in other buildings, so long as it was fairly isolated, it was left alone. We had also agreed that if the mill hands gave information of cases and isolated them, they would not be removed to hospital.

Anxiety ca by mill-hand treatment of

304. On the 30th of October, the Municipal Commissioner issued the notification, hereafter referred to, and I think it will be generally admitted that the terms of the notification were most reasonable and considerate.

305. The mill hands could more easily than even the halalkhores and scavengers be segregated in their own buildings, and besides the Managers of the mills had erected huts on open ground for their workmen.

Segrega mill-ha

306. At this time the scavengers, the drivers of carts and the halalkhores were very restless. They spoke of leaving the city, saying that, if the "*setts* and sahebs" left, they would also require a change of air. A little later they tried to leave the city, and we had in dispair to appeal to the Agents of the Railway Companies and the Agents of Shepherd's Line of Steamers to refuse tickets to all scavengers and halalkhores. It is not necessary, even if it were wise, to dwell long over all the difficulties that beset us, but great peril had been avoided by prudence. I will only add that the men were watched without flagging by the Sirdar Abdul Ali under the instructions of the Commissioner of Police, Mr. Vincent, and that they did not baffle the skill nor evade the vigilance of the Police.

Scavens restless wishing escape.

307. We had already had to seek the assistance and ask the advice of the Commissioner of Police. Mr. Vincent most readily came to our assistance and instructed the Criminal Investigation Department to watch our men.

308. The position was a most grave one. On the night of the 30th of October, I was summoned to a meeting with the Commissioner of Police and the Commissioner. I had no doubt as to the occasion, for in the streets we could hear words that indicated what was passing in the minds of the people. The Commissioner of Police was of opinion that a riot would occur if the Health Department continued to enforce the removal of the sick to hospital. I had no doubt a riot would occur, as eager as I had been to remove the sick to hospital, I admitted at once that, if the policy was continued, not only would a riot occur, but all the sanitary business of the city would stop, and that we should have men either to segregate the sick or to clean the city, and should be left alone. When a riot occurred a few years

when a disturbance in ordinary times arose, all sanitary work ceased. A calamity even greater and more sudden than the pestilence might have overtaken the city. The total interruption of the sanitary arrangements would have made the city uninhabitable and the Plague would have raged unchecked.

[redacted]econd Notifica[redacted]ion by the [redacted]mmissioner.

309. The Commissioner issued on the next day the Notification of the 30th October 1896. That announcement saved the city. Had it not been issued and had a riot occurred, all business would have ceased; the people, including all the scavengers, halalkhores and drivers of the Health Department would have surged out of the city in a panic-stricken mass, uncontrollable in their frenzy and flight, carrying pestilence to the towns and villages around Bombay. Bombay would have been ruined, and every town and village close to Bombay overtaken by the calamity. The stricken crowds of people flying from the city would have been so vast that no force could have controlled them; at the same time portions of the town might have been fired and plundered, and total ruin might have come on the city. There was another aspect of the serious problem confronting Municipal authorites and Government on which it was necessary to maintain absolute silence at the time. The dangers I have now indicated were very real, and were only prevented from developing by unsleeping vigilance and tactful prudence.

[redacted]dea[redacted]n

310. Had at any time matters been pushed to extremities, there would infallibly have been a general exodus of the halalkhores, scavengers, labourers and cartmen, and in the general panic the dock and mill-hands would also have fled the city, putting an end to the last remnant of trade, and completing the ruin of Bombay. The Plague would have been carried throughout the Presidency where there was no organisation capable of controlling the movements of the fugitives. Those who were best able to judge were satisfied that in a supreme crisis of the kind, the Police Force, loyal and enduring as it had shown itself during long months of great strain, could not have been counted upon. Their sympathies were with the suffering population of which they formed part. The following is the Notification of the Municipal Commissioner :—

311. "Whereas the Municipal Commissioner is informed that great alarm has been caused to the public by the Notification recently issued under Section 434 of the Municipal Act, and whereas the objects of that Notification have been misunderstood, inasmuch as the powers under it were obtained principally to meet the case of a large increase of Bubonic Plague. The public are now hereby informed that no cases where proper segregation and treatment can be carried out on the premises will be removed to the Arthur Road Hospital, and in such cases as require removal no action will be taken except upon the certificate of a qualified medical practitioner employed by the Health Department. The Executive Health Officer has been instructed accordingly and the Commissioner of Police informed."

[redacted] On the 11th of December, a Committee, composed of members [redacted]ent communities, was formed. At a meeting held on the 22nd [redacted]r, Mr. Hankin put his views before the Committee, and advo-

cated the removal of the healthy from infected dwellings. The Committee approved of this recommendation and appointed a Sub-Committee to ask the Municipal Commissioner to form camps where the healthy could reside. Previous to this the Commissioner had constant conferences with representatives of different communities. The Committee issued the following notice :—

"HOW TO AVOID THE PLAGUE.

Notice issued by the Public Committee.

At a meeting of several influential citizens held on the 11th of December 1896 the gentlemen whose names are given below, representing the different communities of this city, were appointed to form a Committee to consider, amongst other things, the steps best calculated to prevent the spread of the Plague and to recommend to [illegible] which [illegible] be widely known to [illegible] lish and circulate them in differ[illegible] over their signatures. The Committee hope that it will be clearly understood that the instructions and recommendations contained in the following rules emanate from the Committee. The names of the members of the Committee will, it is to be hoped, be a sufficient guarantee to the different communities of this city that the recommendations made are in the best interests of the people themselves and of the health of the city. In view of the present dangerous state of public health, the necessity of keeping houses in the town, and sepecially those in crowded parts, clean and free from bad smells, and of following the instructions contained in the rules, cannot be too greatly impressed upon the people. Light and air ought to be allowed to enter houses freely, and wherever the means of ventilation are not sufficient it is extremely desirable that steps should be taken to provide better ventilation, so that sunlight and fresh air may enter the rooms. The Committee earnestly hope that the advice given by them, coming as it does from the representative men of the different communities, will be cheerfully accepted and acted upon.

In the rules the Committee gave excellent advice. They urged the people to inform the Municipality of all cases, and to leave infected houses. The danger of wet or damp places inside dwellings was pointed out. They advised the people to be careful of abrasions or sores.

They dwelt on the necessity of burning all articles that had come in contact with the sick.

Signatories.

DR. BALCHANDRA KRISHNA BHATAVADEKAR.
MR. K. N. KABRAJI.
DR. ISMAEL JAN MAHOMED.
PROFESSOR O. V. MULLER.
DR. A. D. MODY.
DR. N. N. KATRAK.

Honorary Secretaries."

COMMITTEE.

EUROPEANS.

Sir George Cotton.
Dr. Thomas Blaney.
Professor O. V. Muller.
Mr. D. Gostling.
„ C. Vernon.
Vety.-Major J. Mills.
Mr. H. G. Gell.

PARSEES.

[redacted]
„ N. J. Gamadia.
„ B. D. Petit.
„ Jijibhai F. Petit.
„ Rustomji N. B. Jijibhai.
„ Jijibhai M. Jijibhai.
Ervad Jivanji Jamshedji Modi.
Mr. Darasha R. Chichgar.
„ Nusserwanji B. Jusavala.
„ Pestonji N. Wadia.
„ Khursedji Nusserwanji Wadia.
Dr. K. N. Bahadurji.
„ B. S. Shroff.
„ F. N. Bisni.
„ A. D. Modi.
„ N. N. Katrak.

MAHOMEDANS.

The Hon'ble Mr. Justice Badrudin Tyebji.
The Hon'ble Mr. A. M. Dharamsi
„ „ Fazulbhai Visram.
Kaji Mahomed Ali Morgay.
Mr. Najmudin Tyebji.
„ Adamji Peerbhai.
„ Shaik Adam Yoosufbhin.
„ Currimbhai Ebrahim.
„ Mukhi Ladak Haji.
„ Abudllabhim Lalji.
„ Suleman Abdul Wahed.
Haji Mahomed Haji Ismal.
Haji Sabood Sidik.
Haji Hasum Noorani.
Dr. Ismael Jan Mahomed.
Mr. Oomer Jamal.
Haji Cassum Metha.
Mr. Badrudin Abdulla Kur.
„ Mahomed Ismail Makba.
„ Dawoodbhai Moosabhai Sheraji.
[redacted] Mahomed Baban.
„ Ramzan Khan Baban Khan.
„ Abdulla (King).
„ Makanda Mabrak.
„ Heraj Kaloo.
„ Sajan Fakeera.
„ Mahomed Ismal Makba.
Sayed Ibrahim.

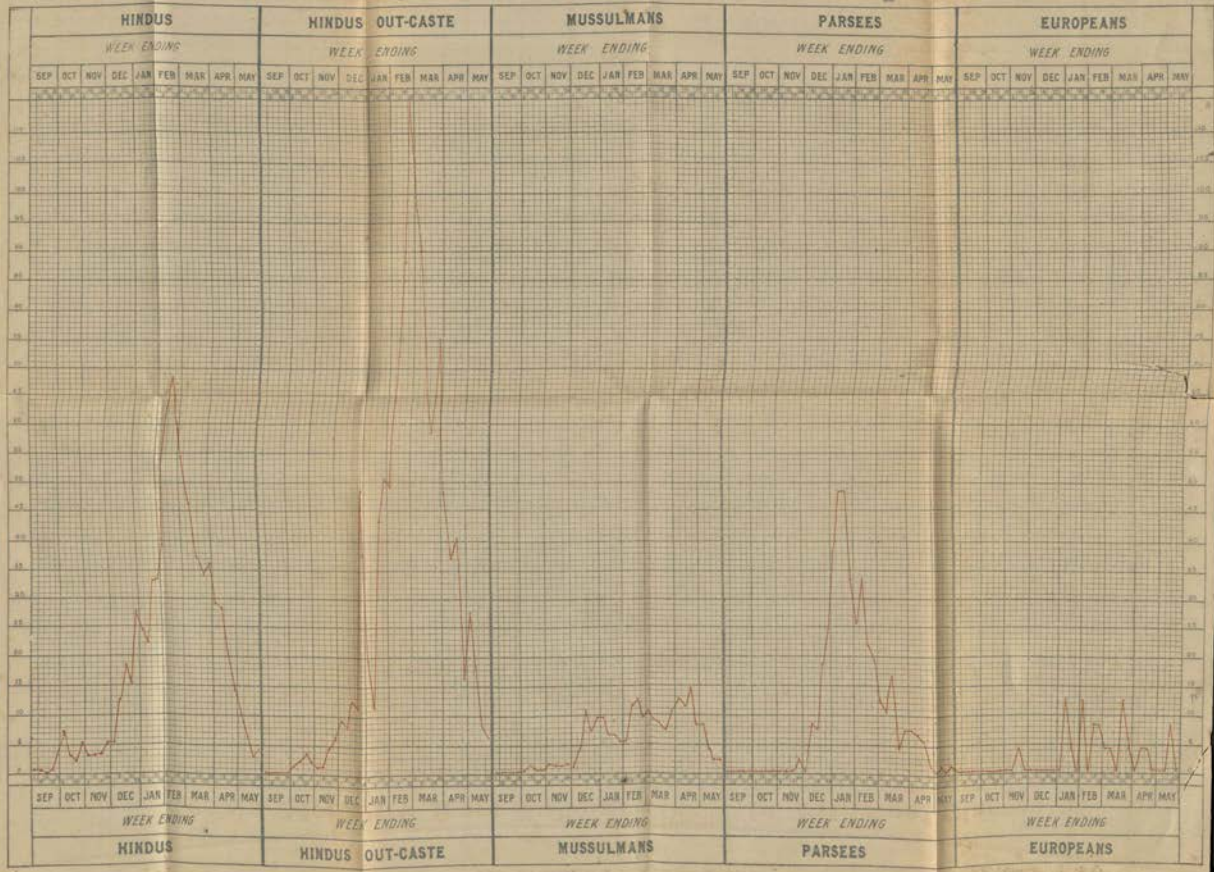
HINDOOS.

Dr. Bhalchandra Krishna.
Mr. M. G. Chandravarkar.
„ Chaturbhuj Morarji.
„ Gokaldas Madhbavji.
„ Jamnadas Naranji Khatau.
Dewan Bahadoor Manibhai Jasbhai.
Mr. Mansukhram S. Trepathy.
„ Panachand A. Parekh.
„ Moolraj P. Parekh.
„ Govindji Tharkersey Moolji.
„ Ruttansi Moolji.
„ Dharamsi Sunderdas.
„ Gelabhai Haridas.
„ Damodar Gordhandas.
„ Lakhmidas Khimji.
„ Vijbhukandas Atmaram.
„ Raoji V. J. Sunkerset.
„ Tribhovandas Mangaldas.
„ Tribhovandas Varjivandas.
„ Dwarkadas Shamji.
„ Harkisandas Narotumdas.

DIAGRAM.

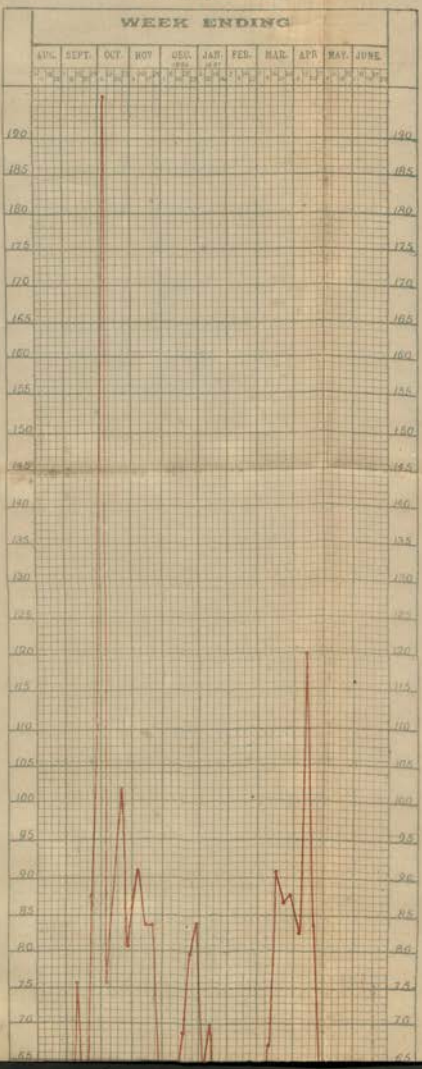
1896 1897

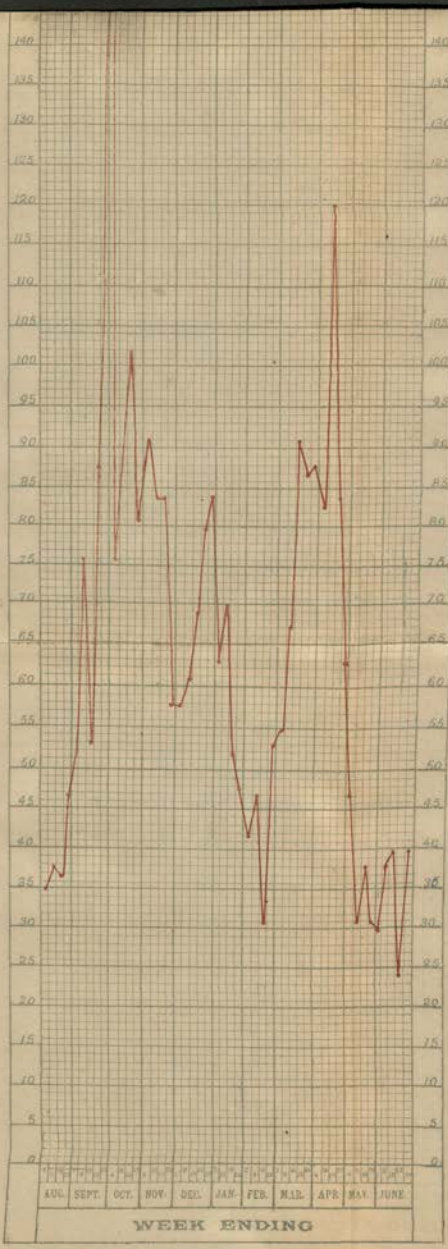
Weekly Mortality from Bubonic Plague in Principal Classes.



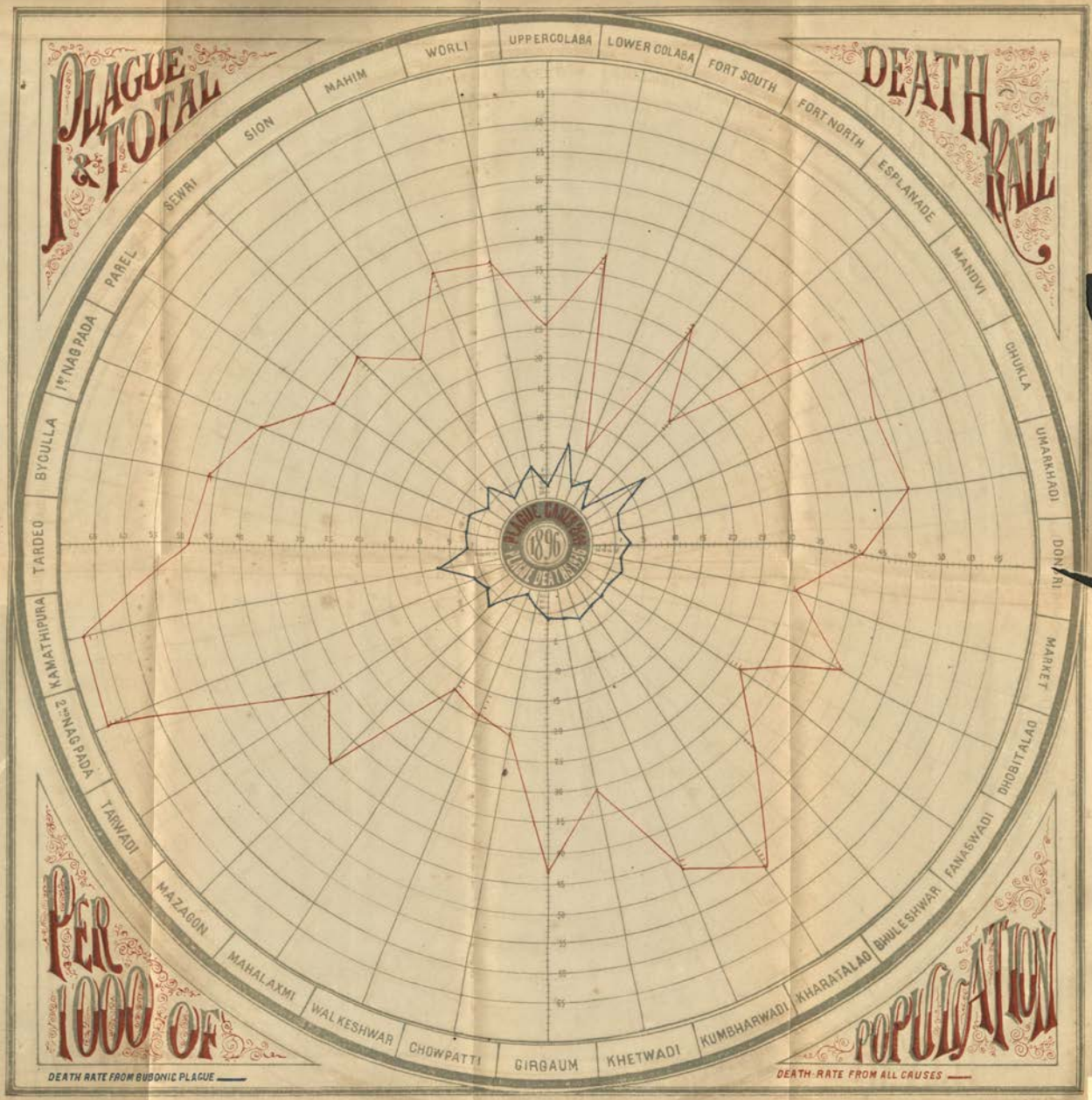
DIAGRAM

Death rate from all causes per thousand of population in MANDVI.




AUG.
SEPT.
OCT.
NOV.
DEC.
JAN.
FEB.
MAR.
APR.
MAY.
JUNE
WEEK ENDING

PLAGUE & TOTAL DEATH RATE PER 1000 OF POPULATION



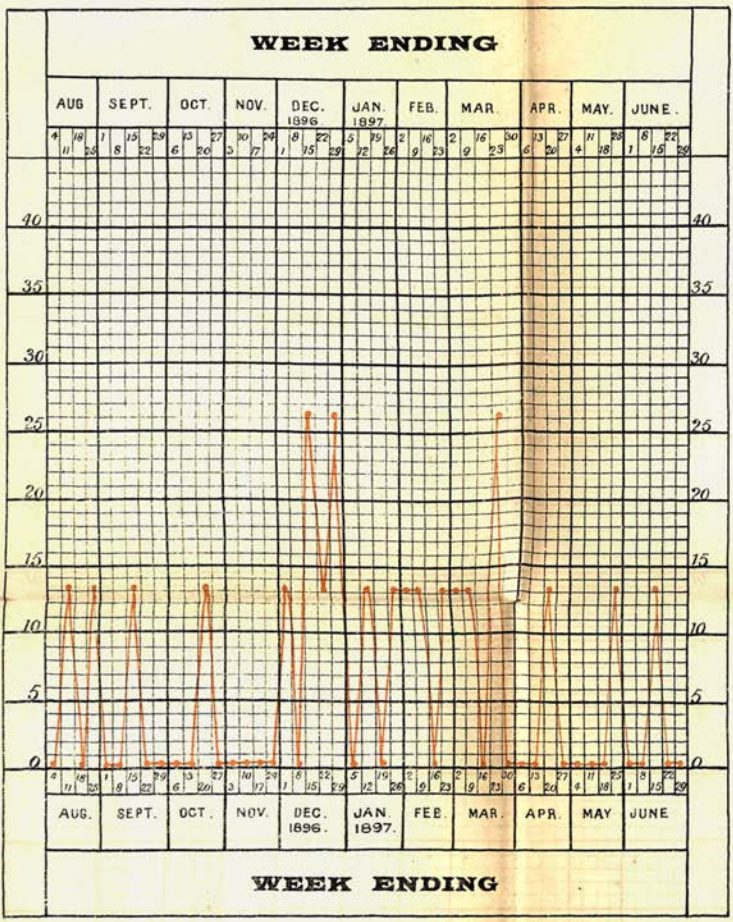
DEATH RATE FROM BUBONIC PLAGUE ——

DEATH RATE FROM ALL CAUSES ——

DIAGRAM

Death-rate from all causes per thousand of population in

FORT (Southern) Section.



646. The table printed hereafter showing the decrease each week in the mortality is of great interest :— Table of ations f from Fe

TABLE SHOWING THE FLUCTUATION IN THE NUMBER OF DEATHS EACH WEEK AFTER THE WEEK ENDING THE 9TH FEBRUARY, AND THE PERCENTAGE OF FLUCTUATION.

Week ending	Total Number of Deaths excluding Still-born.	Percentage of Decrease.	
1897.			
16th February	1,710	9·5	
23rd do.	1,634	4·4	
2nd March	1,467	10·2	
9th do.	1,311	10·6	
16th do.	1,242	5·2	
23rd do.	1,115	1·02	
30th do.	1,120	·4	Increase.
6th April	997	10·9	
13th do.	949	4·8	
20th do.	817	13·9	
27th do.	642	21·4	
4th May	621	3·2	
11th do.	541	12·8	
18th do.	529	2·2	
25th do.	516	2·4	

647. The incidence of the mortality by occupation varies even more than by class. I take two classes—the Police and the servants of the Tramway Company.

648. The Police when they lived in insanitary buildings in the city suffered severely.

649. The servants of the Tramway Company when placed in huts suffered as little as the most favoured classes. The return attached, showing the number of servants of the Tramway Company attacked with Bubonic Plague, is very interesting. I am indebted for this return to the courtesy of Mr. Remington. It will be seen that 54 cases came under observation, and that they all terminated fatally; other cases may have occurred, but they were removed from under the observation of the Company. Mr. Remington was of opinion that but for the segregation of a large number of the staff in camps a Morta the P among servan Tra pany

greater number of cases would have occurred. This is very probable. At Falkland Road, where the Company had erected for the segregation of the establishment huts on open ground and segregated about 150 men in the camp not one case occurred, and yet the huts were in the centre of a district greatly affected—the district of Kamathipura.

RETURN OF CASES AND DEATHS FROM BUBONIC PLAGUE AMONGST THE SERVANTS OF THE BOMBAY TRAMWAY COMPANY.

Ranks.	Castes	Attacks.	Deaths.	Remarks.
Inspectors	Mussulman	...	...	
"	Christian	1	1	
"	Hindu	6	5*	*One of these cases occurred in the Colaba Tents, the property of the Company. The remainder in different parts of the City.
Conductors	Mussulman	...	...	
"	Parsee	1	1	
"	Hindu	7	5	
Drivers	Mussulman	8	7*	*These cases occurred in the Colaba Tents, the property of the Company; among them 1 woman and 1 child 10 years of age.
"	Hindu	5	4	
Horse-keepers	Mussulman	...	...	
"	Hindu	8	8*	*8 of these cases occurred at Parel, 5 at Colaba. 11 were men, 2 were women.—All of these reside in chawls or camps, the property of the Company.
Stablemen	Mussulman	10	10*	
"	Hindu	...	...	
Office Clerks	Mussulman	...	...	
"	Hindu	3	2*	*These cases occurred in the City.
Mechanics	Mussulman	...	...	
"	Hindu	10	4*	*These cases occurred in the City.

650. The mortality amongst the Police Force is significant. It will ity. be observed that in the Mounted Police only 3 men were attacked. This may possibly have been due to the Mounted Police being so much on horseback and wearing boots or puttees, while the Foot Police wear slippers. They have all very long hours on duty. The proportion of cases in the force amongst Hindus is much higher than amongst Mussulman. Some of the cases occurred in very ill-lighted and ill-ventilated buildings in rooms in absolute darkness, in which it was necessary to have a lamp to see during the day time. I found cases amongst men in the Police in some of the most insanitary buildings. A comparison between the mortality amongst the Police living outside the Police quarters and the mortality amongst the force living in Barracks and amongst the establishment of the Health Department shows that in well-ventilated buildings the disease does not easily develop. The case returned amongst the European

Police occurred in Frere Road, Mandvi Bunder and was the only one in that street. It was a mild case and it occurred after the epidemic in Mandvi had declined.

STATISTICS OF BUBONIC PLAGUE IN THE BOMBAY POLICE FORCE.

	Attacks.	Deaths.	Number of Persons attacked living in Police Barracks (Lines).	Number of Persons attacked living outside the Barracks (Lines).	Remarks.
European Police	1	...	...	*1	* In quarters hired for him by Government who paid the rent.
Mounted Police, Mahomedans..	2	2	2	...	
„ Hindus ...	1	1	1	...	
Foot Police, Mahomedans ...	11	7	...	11	
„ Hindus	99	44	1	98	
Extra Police, Rámoshis. Mahomedans...	3	2	...	3	
Extra Police, Rámoshis. Hindus ...	38	26	...	38	
Total ...	155	82	4	151	

STATEMENT SHOWING THE STRENGTH BY CLASS OF THE BOMBAY CITY POLICE FORCE.

Strength.	Christians.	Parsees.	Jews.	Hindus.	Mahomedans.	Total.
Bombay	82	7	1	1,603	538	2,231

651. The mortality from all causes by sections when studied with the incidence of the mortality from Bubonic Plague in districts is most suggestive in its results and supports the opinion offered in other portions of the report, that the chief condition influencing the occurrence of Bubonic Plague in localities is the ventilation of buildings. I take the mortality from all causes, for the purpose of examination. The incidence of the total mortality gives probably the truest representation of the progress and spread of the epidemic of Bubonic Plague as in the beginning the recognition of Bubonic Plague was very uncertain. On the opinion that the incidence of the disease is most influenced by the ventilation of buildings our policy based. In localities, the worst ventilated and the most densely covered with buildings, the incidence of the disease was greatest. As it was with

The chief condition influencing the mortality

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localities, so it was with buildings. While in open houses it was difficult to contract the disease in bad ones it was difficult to escape it. An illustration of the truth of this conclusion is to be found in the circumstance that fewest cases occurred in buildings around open spaces, such as gardens, tanks, stable yards or even graveyards. The buildings around graveyards lightly escaped, not because of the graveyards, but because of the open spaces over the graveyards. The six sections of highest mortality are six of the most densely populated sections of Bombay—six of the sections with the darkest buildings, six of the sections with the dampest buildings, and five out of the six are sections of the worst drainage and greatest soil pollution.

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652. Take these six sections and arrange in a table, as I do, hereafter the statistics of the density of population in each of them to the—

1. Ground surface. | 2. Building room.

and it will be seen that the state of overcrowding and, with the overcrowding, the air pollution in these portions of the city is appalling.

653. Dr. Cleghorn, who carefully day after day examined houses in each street in Kamathipura, was greatly impressed by—

A. The imperfect ventilation of the buildings;

B. The concentration of population;

C. The waste of water and the dangerous position in which water-pipes were placed. He observed that in the little space at the back of each house, now generally open to the sky, the roof having been taken off by the Health Department, there was a privy on one side and a water pipe on the other. This is the little space in which the clothes are washed. These are, it must be admitted conditions of dwelling most favorable to the development of disease.

654. The state of the buildings in one of these sections—Kamathipura—is well described in a report from one of our Medical Officers. He writes: "I have gone through all the houses and almost all the "rooms on the ground floor and most of the houses are not fit for "human habitation owing to want of light and ventilation."

655. The position, in respect of the erection of buildings on old foundations is this. People have erected dwellings without sufficient open space around them for ventilation and light, and they cannot be prevented from rebuilding them however unfit the buildings may be for human occupation.

Sections of highest mortality.	Square yards to a person.	Persons to a house.
2nd Nagpada...	10·8	34·43
Kamathipura...	11·6	21·72
Khara Talao	7·22	37·54
Mandvi	25·8	22·41
Oomercary	41·8	29·40
Tardeo	41·8	26·69

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM ALL CAUSES BY SECTIONS DURING 1896.

Wards.	Sections.	Population by Census of 1891.	Number of deaths exclusive of still-born.	Mortality per 1,000 of population.
A	Colaba... Upper	4,335	111	25·60
	Colaba... Middle and Lower	13,622	525	38·54
	Fort..... Southern	3,951	21	5·31
	Fort..... Northern	32,847	1,086	33·06
	Esplanade	10,064	184	18·28
B	Mandvi	37,295	1,945	52·15
	Chuckla	32,197	1,540	47·83
	Umarkhari	52,466	2,629	50·10
	Dongri	30,317	1,257	41·46
C	Market	44,751	1,400	31·28
	Dhobi Talao	39,945	1,694	42·40
	Fanaswadi	24,069	681	28·29
	Bhuleshwar	38,363	1,495	38·96
	Khara Talao	27,035	1,462	54·07
	Kumbharwada	32,209	1,524	47·31
D	Khetwadi	28,814	891	30·92
	Girgaum	26,999	1,183	43·81
	Chaupati	11,512	243	21·02
	Walkeshwar	12,990	249	19·16
	Mahalakshmi	17,014	300	17·63
E	Mazagon	33,640	1,353	40·19
	Tarwadi	21,298	713	33·47
	2nd Nagpada	18,768	1,278	68·09
	Kamathipura	29,203	1,979	67·76
	Tardeo	18,980	925	48·73
	Byculla	47,403	2,182	46·03
	1st Nagpada	11,133	450	40·42
F	Parel	28,740	909	31·62
	Sewri	6,063	205	33·81
	Sion	19,601	521	26 58
G	Mahim	18,505	704	38·04
	Worli	25,493	959	37·61
Water Division		22,142	92	4·15
Non-resident and unknown		...	763	.....
	Total.....	821,764	33,451	40·71

656. I have already stated that the highest mortality from Bubonic Plague was registered in Mandvi, 307 deaths out of a total mortality of 1,945, giving a death-rate of 8·23 per 1,000. After Mandvi, Kamathipura suffered most, 227 deaths having occurred, equal to a death-rate on the population of 7·77. Middle and Lower Colaba, which was most affected after Mandvi and Kamathipura, had a mortality of 77 deaths, equal to a death rate of 5·65 per 1,000. The first cases in Middle and Lower Colaba were labourers in the Cotton godowns, and they were going backwards and forwards between Mandvi and Colaba. It is a curious coincidence that the first cases in Mandvi occurred over godowns

and that the first cases in Middle and Lower Colaba occurred in godowns. In Dongri a district adjoining Mandvi the incidence of the mortality is next in severity to Colaba. It is remarkable that it was not higher as the two districts are separated by a narrow road on the north side of which is Dongri, and on the south side of which is Mandvi with high and crowded houses on either side. From the beginning people were going backwards and forwards from Mandvi to Dongri and from Dongri to Mandvi. The labouring classes in Mandvi moved about constantly from houses where cases occurred. A very remarkable instance of immunity was observed in the case of the Common Jail in the Mandvi Ward, not one case occurred in this Jail, amongst over 300 prisoners although the buildings are in the centre of an infected area.

657. It will be observed from the table showing the mortality by sections that up to the end of the year the mortality in the districts to the extreme West and to the extreme North of the Island was very small. On the West in Chaupati, at the foot of Malabar Hill, only 7 deaths had as yet occurred, but the epidemic was soon to spread to Chaupati on its course West. In Walkeshwar on the hill above Chaupati, only 5 deaths had been registered, and in Mahalakshmi further North only 7 ; and if we cast our glance further North, we see that in Worli, in only one portion of which—the extreme North, the Worli Village—the disease had appeared, 41 deaths had been reported, while in Mahim, still further North, only 12 deaths had occurred.

658. On the East of the Island we find that on the Mazagon foreshore as many as 93 deaths had been recorded, while in Tarwadi, a district, between Mazgaon and the districts chiefly affected, only 20 deaths had occurred. Tarwadi is on the North of Dongri, and Mandvi is on the South of Dongri. In the next district further off and more North than Tarwadi, the mortality was higher than in Tarwadi, but further North still on the confines of the Island in the Section of Sion only 5 deaths had occurred.

659. The incidence of the cases in some localities, notably in Kamathipura, where in each street for days 1 or 2 cases occurred daily, suggested an inoculator being at work. Dr. Choksy, in reference to direct inoculation, writes :—"From observation on nearly 1,000 cases of Plague at the Arthur Road Hospital, it appears that not more than about 5 per cent. of the cases show any traces of direct inoculation. And even amongst these it is not always possible to fix the exact point of entrance of the virus into the system. No case of Plague from rat-bite has hitherto been observed."

660. The largest number of cases on Malabar Hill occurred in the group of houses on lower ground than the water Reservoir. This is most interesting as illustrating the effect of moisture on the incidence of the disease. The bungalows are on sloping ground below the Reservoir, and the locality has no drains. The houses are drained by open channels to cesspools. In the servants' quarters of 7 bungalows, 23 cases occurred. Of the 23 cases, 9 occurred as late as February, and 14 happened in March. These cases occurred notwithstanding every measure taken in advance of the disease.

661. From the table showing the mortality by class, it will be seen that amongst the large communities, with the single exception of Jains, the mortality up to the end of 1896 had not risen above 2·91 per 1,000. It will also be observed that, with the exception of Europeans, the mortality was lower amongst Mussalman than in any other large class. The death-rate amongst Europeans was ·08 per 1,000, and amongst Eurasians ·92, only 4 deaths having occurred in the latter community. Mortality from Bubonic Plague by class.

662. The mortality amongst Jains is unequally distributed by sex, being 8·69 amongst males and 6·77 amongst females. The inequality in the ratio of sex-mortality amongst Bhatias was probably due to females leaving Bombay and a reduction in the female population.

663. The inequality in the sex-mortality is very great amongst Mussalman, being 1·18 amongst males and ·768 amongst females.

664. Amongst Parsees the ratio of mortality amongst males and females was more equal than in most other classes.

TABLE SHOWING THE NUMBER OF DEATHS FROM BUBONIC PLAGUE IN DIFFERENT CLASSES AND THE DEATH-RATE PER 1,000 OF POPULATION IN THE YEAR 1896.

CLASSES.	Males.			Females.			Persons.		
	Population.	No. of Deaths.	Rate per 1,000.	Population.	No. of Deaths	Rate per 1,000.	Population.	No. of Deaths	Rate per 1,000.
Jains	19,317	168	8·69	5,908	40	6·77	25,225	208	8·28
Brahmins	26,564	70	2·63	11,418	20	1·75	37,982	90	2·34
Lingayets	462	6	12·98	322	...	...	784	6	7·65
Bhatias	4,344	19	4·37	3,547	4	1·12	7,891	23	2·91
Hindus of other caste.	288,569	811	2·79	162,896	379	2·32	451,465	1,190	2·63
Do. low-caste ...	25,888	78	3·01	19,281	34	1·76	45,169	112	2·47
Mussalman	94,975	113	1·18	60,126	41	·68	155,101	151	0·98
Parsees	24,705	41	1·65	22,753	26	1·14	47,458	67	1·41
Jews	2,590	6	2·31	2,431	4	1·64	5,021	10	1·99
Native Christians ...	20,040	55	2·74	9,672	15	1·55	29,712	70	2·36
Eurasians	2,294	2	·87	2,036	2	·98	4,330	4	0·92
Europeans	8,118	1	·12	3,172	...	...	11,290	1	0·08
Negro-Africans ...	90	...	...	56	1	17·85	146	1	6·84
Chinese	137	...	...	53	...	...	190	...	...
Other and unknown castes	...	...	...	...	...	...	...	...	...
Total ...	518,093	1,370	2·63	303,671	566	1·88	821,764	1,936	2·53

Mortality from Bubonic Plague by age and sex.

665. The mortality by age periods is most interesting. The highest mortality amongst males occurred at two age periods between 10 and 20 and 25 to 30 years of age, while the highest fatality amongst females occurred from 10 to 14 years of age and from 25 to 29. In both sexes the incidence of mortality was lowest under 5 years of age. It is possible that the low mortality at early periods of life may have been due to imperfect registration and not merely to the concealment of cases but to the difficulty of recognition in cases amongst children.

666. The table printed hereafter shows that the mortality at nearly all periods of life was lower amongst females than males.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM BUBONIC PLAGUE AMONGST MALES AND FEMALES AT DIFFERENT AGE PERIODS IN 1896.

AGES.	MALES.			FEMALES.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 year	12,427	3	·24	12,864	2	·15
From 1 to 2 years ...	6,619	2	·30	6,884	5	·72
„ 2 to 3 „ ...	6,893	4	·58	7,250	2	·27
„ 3 to 4 „ ...	6,368	5	·78	6,564	5	·76
„ 5 to 9 „ ...	33,969	75	2·20	32,229	66	2·04
„ 10 to 14 „ ...	47,664	152	3·16	30,242	92	3·04
„ 15 to 19 „ ...	57,181	180	3·16	33,598	68	2·02
„ 20 to 24 „ ...	74,160	215	2·89	37,485	70	1·86
„ 25 to 29 „ ...	72,650	239	3·28	31,282	76	2·42
„ 30 to 34 „ ...	61,687	161	2·60	27,079	38	1·40
„ 35 to 39 „ ...	38,190	104	2·72	16,568	32	1·93
„ 40 to 44 „ ...	38,287	88	2·29	20,182	43	2·13
„ 45 to 49 „ ...	18,263	49	2·68	9,297	25	2·68
„ 50 to 54 „ ...	20,825	50	2·40	13,443	19	1·41
„ 55 to 59 „ ...	7,251	13	1·79	4,565	3	·65
„ 60 and over ...	15,659	30	1·91	14,139	20	1·41
Total ...	518,093	1,370	2·64	303,671	566	1·86

667. The outbreak in the fishing villages of Sewri Koliwada on the north-east of the Harbour foreshore deserves attention and study because of the period of its occurrence and the fatality that attended it. The population is about 1,865, in some 517 dwellings—most of them huts. The buildings were without plinths and had only narrow passages between them, they were without drainage, and had water-pipes close to the huts and even inside some of the dwellings. Outbreak in Sewri Village.

668. The first case occurred on the 2nd of December 1896; the second on the 12th; third on the 15th; fourth on the 17th; fifth on the 19th; sixth on the 20th; seventh on the 21st; eighth on the 21st; ninth on the 24th; and the tenth and eleventh on the 26th. The greatest number of cases occurred on the 18th January 1897. In all 134 cases occurred and 104 deaths. The distribution of a portion of the population during the outbreak is interesting.

Sewri Koliwadi.

Number of people before outbreak...	...	...	1,865
„ of persons who went to Carli	...	...	300
„ „ to Watoojoognee	...	...	302
„ „ to open fields	...	...	500
„ „ to Andheri	...	...	255
„ „ to Inar	...	...	319
„ „ Remained in village		...	85

After the village had been almost vacated, and the people went into the fields and elsewhere 150 persons died, that is 46 more than died in the village. The people thought they would have escaped more easily had they remained.

669. I drew attention in a paper read before the Bombay Medical and Physical Society, to a coincidence between the disappearance of cases and the disinfection of a pool of dirty water in this locality.

"Fifty-one deaths occurred; the last death (up to the date of the "paper) occurred on the 2nd of February. On that date we had "disinfected a salt-water ditch, the banks of which were used for "natural purposes and the water for ablution. It is a curious coinci-"dence that after this date, the 2nd of February, on which the stream "was disinfected, and all foul matter burnt, not another case occurred. "Near the Khada, Professor Hankin found a microbe identical in "character with the Bubonic Plague organism." After this paper was read cases occurred again.

SEWREE—KOLIWADI.

Date.	No. of Cases.	Attacks.	Deaths.
1896.			
December 2nd	1	1	1
„ 12th	2	1	1
„ 15th	3	1	1
„ 17th	4	1	...
„ 19th	5	1	...
„ 20th	6	1	1
„ 21st	7, 8	2	1
„ 24th	9	1	1
„ 26th	10, 11...	2	2
„ 27th	12, 13...	2	2
„ 28th	14	1	1
„ 30th	15	1	1
„ 31st	16	1	1
1897.			
January 4th	17	1	1
„ 7th	18, 19...	2	2
„ 8th	20, 21...	2	2
„ 9th	22	1	1
„ 11th	23	1	1
„ 12th	24, 25, 26, 27	4	4
„ 15th	28	1	1
„ 16th	29, 30, 31	3	3
„ 18th	32, 33, 34, 35, 36, 37 ...	6	6
„ 19th	38, 39, 40	3	2
„ 20th	41	1	1
„ 21st	42	1	1
„ 22nd	43	1	1
„ 23rd	44	1	...
„ 24th	45, 46, 47, 48	4	4
„ 25th	49	1	1
„ 26th	50	1	1
„ 29th	51, 52...	2	2
„ 31st	53	1	1
February 2nd	54, 55, 56	3	1
„ 3rd	57	1	1
„ 4th	58, 59...	2	1
„ 5th	60	1	...
„ 6th	61, 62...	2	...
„ 8th	63, 64...	2	2
„ 9th	65, 66...	2	2
„ 12th	67, 68...	2	1
„ 13th	69, 70...	2	2
			...

Sewree—Koliwadi—*contd.*

Date.	No. of Cases.	Attacks.	Deaths.
1897.			
February 14th	71, 72, 73	3	2
„ 15th	74, 75, 76	3	2
„ 16th	77	1	1
„ 17th	78, 79, 80	3	1
„ 18th	81, 82, 83	3	2
„ 19th	84	1	1
„ 20th	85, 86...	2	2
„ 23rd	87	1	1
„ 24th	88	1	1
„ 25th	89	1	1
„ 27th	90	1	1
March 1st	91	1	1
„ 2nd	92, 93...	2	2
„ 3rd	94, 95...	2	2
„ 4th	96, 97, 98, 99	4	3
„ 6th	100	1	1
„ 7th	101, 102	2	1
„ 8th	103	1	1
„ 9th	104	1	1
„ 11th	105	1	...
„ 13th	106	1	1
„ 14th	107, 108	2	2
„ 15th	109, 110, 111	3	2
„ 19th	112, 113	2	1
„ 20th	114	1	1
„ 21st	115, 116	2	1
„ 22nd	117, 118, 119	3	3
„ 23rd	120	1	1
„ 26th	121	1	1
„ 30th	122, 123	2	2
„ 31st	124	1	1
April 2nd	125	1	...
„ 17th	126, 127	2	...
„ 18th	128	1	...
„ 21st	129	1	1
„ 25th	130	1	1
„ 27th	131	1	...
„ 29th	132	1	...
May 6th	133	1	1
„ 19th	134	1	...
			104

SEWREE—KOLIWADI.

Pro. No.	Street.	House No.	Date of Attack and Death. (Roman figures indicate the date of attack while Italics indicate the date of death.)
1	Sewree Koliwadi	95	2-12—*6-12*
2	Do.	374	12-12—*15-12*
3	Do.	403	15-12—*16-12* ; 21-12—*22-12*
4	Do.	398	17-12
5	Do.	402	19-12
6	Do.	413	20-12—*23-12*
7	Do.	401	21-12
8	Do.	400	24-12—*25-12*
9	Do.	292	26-12—*4-1*
10	Do.	331	26-12—*4-1* ; 28-12—*31-12*
11	Do.	352	27-12—*29-12* ; 9-1—*13-1*
12	Do.	394	27-12—*1-1*
13	Do.	348	30-12—*3-1* ; 15-1—*17-1* ; 16-1—*21-1*
14	Do.	383	31-12—*1-1*
15	Do.	296	4-1—*19-1*
16	Do.	412	7-1—*13-1*
17	Do.	371	7-1—*14-1* ; 24-1—*26-1*
18	Sewree Road	157	8-1—*11-1*
19	Do.	376	8-1—*11-1*
20	Sewree Koliwadi	365	11-1—*13-1*
21	Do.	283	12-1—*13-1*
22	Do.	333	12-1—*14-1*
23	Do.	347	12-1—*17-1* ; 16-1—*20-1*
24	Do.	156	12-1—*17-1*
25	Do.	364	18-1—*20-1*
26	Do.	362	18-1—*20-1*
27	Do.	336	18-1—*21-1* ; 19-1—*21-1*
28	Do.	350	18-1—*22-1*
29	Do.	329 Hut.	18-1—*22-1* ; 25-1—*27-1*
30	Do.	296	18-1—*23-1*
31	Do.	377	18-1—*27-1*
32	Do.	334	19-1—*23-1*
33	Do.	372	19-1
34	Do.	442	20-1—*23-1*
35	Do.	343	21-1—*23-1*
36	Do.	420	22-1—*25-1*
37	Do.	300	23-1—*31-1*—*2-2*
38	Do.	381	24-1—*27-1*
39	Do.	360	24-1—*27-1* ; 29-1—*31-1*
40	Sewree	1132	24-1—*27-1*
41	Sewree Koliwadi	344	26-1—*27-1*
42	Sewree Agripada	1085	29-1—*1-2*

Sewree—Koliwadi—*contd.*

Pro. No.	Street.	House No.	Date of Attack and Death. (Roman figures indicate the date of attack, while Italics indicate the date of death.)
43	Sewree Cross Road	1083	2—2 ; 4-2—*7-2* ; 4-2 ; 5-2 ; 6-2 ; 6-2 ; 15-2—*19-2.*
44	Sewree Agripada	1181	2-2—*8-2* ; 3-2—*7-2* ; 8-2—*13-2* ; 2-3—*11-3.*
45	New Sewree Road	205	2-2 ; 15 2—*19-2*
46	Sewree Agripada	1087	8-2—*15-2* ; 9-2—*11-2* ; 12-2 ; 12-2—*15-2* ; 13-2—*15-2* ; 18-2—*22-2* ; 20-2—*21-2* ; 20-2—*21-2.*
47	Sewree Cross Road	427	9-2—*11-2*
48	Sewree Agripada	1137	13-2—*15-2*
49	Sewree Koliwadi	3217	14-2 ; 14-2—*17-2* ; 14-2—*17-2* ; 17-2 ; 17-2.
50	Sewree Cross Road	247	15-2
51	Sewree Agripada	1097	16-2—*19-2* ; 18-2
52	Sewree Cross Road	424	17-2—*19-2*
53	Sewree Agripada	1078	18-2—*22-2*
54	Sewree Cross Road	Hut	19-2—*21-2* ; 7-3 ; 22-3—*26-3* ; 29-4 ; 6-5—*9-5*
55	Sewree Agripada	1125	23-2—*26-3* ; 2-3—*5-3*
56	Do.	1128	24-2—*2-3*
57	Do.	1092	25-2—*27-2*
58	Do.	*Nil.*	27-2—*1-3*
59	Dhakti Sewree	372	1-3—*6-3* ; 14-3—*23-3* ; 6-4—*12-4*
60	Sewree Cross Road	455	3-3—*10-3* ; 4-3—*8-3* ; 14-3—*16-3*
61	Do.	1067A	3-3—*6-3* ; 4-3—*6-3*
62	Do.	Field	4-3 ; 23-3—*26-3*
63	Do.	432	4-3—*7-3*
64	Do.	910	7-3—*8-3* ; 9-4—*9-4*
65	Sewree Koliwadi	416	8-3—*11-3*
66	Sewree Agripada	1140	11-3
67	Sewree Cross Road	428	13-3—*17-3*
68	Do.	1068	15-3—*16-3* ; 15-3 ; 17-4 ; 18-4
69	Sewree Agripada	1138	15-3—*18-3* ; 21-3—*27-3* ; 26-3—*29-3*
70	Sewree Cross Road	627	19-3—*24-3* ; 2-4
71	Do.	629	19-3 ; 20-3—*23-3* ; 21-3 ; 22-3—*24-3* ; 30-3—*31-3* ; 30-3—*1-4*
72	Sewree Agripada	1133	22-3—*24-3*
73	Sewree Cross Road	441	31-3—*1-4*
74	Do.	561	17-4
75	Do.	896	21-4—*2-4*
76	Do.	62A	25-4—*27-4*
77	Do.	563 Open	27-4
78	Sewree Road	Field	1

Outbreak in Ambawadi.

670. In the village and groups of buildings—14 huts in all they numbered— around Ambawadi, an outbreak occurred deserving of observation from the progress of the disease.

AMBAWADI.

Date.	Cases.	Attacks.	Deaths.
1897.			
January 4 ...	1 ...	1	1
„ 5 ...	2 ...	1	.....
„ 7 ...	3, 4 ...	2	.....
„ 9 ...	5 ...	1	1
„ 10 ...	6 ...	1	1
„ 11 ...	7, 8, 9 ...	3	2
„ 16 ...	10 ...	1	1
„ 17 ...	11, 12 ...	2	1
„ 22 ...	13 ...	1	.....
„ 23 ...	14 ...	1	.....
„ 24 ...	15, 16 ...	2	.....
„ 25 ...	17 ...	1	1
„ 27 ...	18 ...	1	1
„ 28 ...	19, 20 ...	2	.....
February 2 ...	21 ...	1	.....
„ 3 ...	22, 23 ...	2	.....
„ 4 ...	24, 25 ...	2	.....
„ 5 ...	26 ...	1	.....
„ 6 ...	27, 28 ...	2	.....
„ 7 ...	29, 30 ...	2	.....
„ 17 ...	31 ...	1	.....
„ 18 ...	32 ...	1	.....
„ 19 ...	33 ...	1	.....
„ 22 ...	34, 35 ...	2	.....
March 3 ...	36 ...	1	1
„ 22 ...	37 ...	1	1
April 18 ...	38 ...	1	1

Pro. No.	Street.	House No.	Date of Attack and Death. (Roman figures indicate the date of attack, while italics indicate the date of death.)
1	Tank Bunder, Ambawadi	15	4-1—*7-1* ; 5-1 ; 7-1; 25-1—*31-1* ; 28-1
2	Do. ...	10	7-1 ; 9-1—*12-1* ; 23-1 ; 24-1* ; 27-1—*2-2* ; 28-1 ; 24-1*
3	Do. ...	14	10-1—*14-1* ; 11-1 ; 11-1—*17-1* ; 17-1 ; 2-2 ; 19-2 ; 17-2
4	Do. ...	11	11-1—*14-1** ; 30-1—*2-2* ; 22-1* ; 7-2
5	Ghorupdeo Road, 2nd Ambawadi	5	16-1—*18-1* ; 17-1—*19-1*
6	Ambawadi	2	3-2
7	Do.	13	3-2 ; 4-2; 7-2
8	Do.	3	4-2 ; 18-4—*20-4*
9	Do.	16	5-2
10	Do.	322	6-2
11	Do.	39	6-2
12	Do.	5	18-2
13	Do.	9	22-2 ; 22-2
14	Do.	*Nil.*	3-3—*3-5-3* ; 22-3—*23*

671. The first case occurred on the 4th of January; second on the 5th; third and fourth on the 7th ; fifth on the 9th; sixth on the 10th ; seventh, eighth and ninth on the 11th. This was the largest number of cases in any one day. In all 38 cases occurred and 12 deaths. The mortality is so low that evidently a number of suspicious cases are included.

Outbreak in Worli Village.

672. The appearance of the disease in the fishing village of Worli on the North-west of the island occurred in a very remarkable way. The disease passed from Parel for some three miles over buildings and appeared first in a dwelling on the outskirts of the village and afterwards in dark huts in the centre of the village. Most of the cases occurred in the centre of the village in the darkest of the huts. Worli village is approached by a narrow road. On the west side of this road there are chawls and a little distance off the road five ranges of chawls ; on the east side open ground and a few bungalows. Up to the time that the first case occurred in Worli village, not a case had occurred in one of these buildings. The disease was carried past them, as I have described it, to a building immediately outside Worli. The village is on the slope of a hill from the rocky summit gently descending to the ocean on one side, and to the Mahim shore on the other. Most of the buildings are huts close together, and a large number had water-pipes inside. Although in this lovely position, looking over the sea in Mahim Bay and on to a sand-strewn shore, it enclosed groups of dwellings into which the rays of the sun never entered, nor the pure sea-breeze.

A village cordon.

673. A sanitary cordon around this village has been described, but the cordon was not maintained. The measures adopted to isolate the village were measures applied by the villagers themselves. They consisted in the villagers objecting, and they enforced their objections so far as strangers, to any person coming into the village from any of the affected districts of the city, and particularly from the Koli localities at Colaba, Mandvi and Mazagon.

674. But during the epidemic the villagers were in daily communication with the city, going backwards and forwards, carrying on their business as usual.

Progress of cases in Worli (K).

675. The first case was a Portuguese girl, aged 12. It occurred on the 1st of December. The 2nd case occurred some distance off (250 yards) on the 11th December; the 3rd case occurred in a hut in the village on the 13th; the 4th and 5th cases occurred in the same house on the same date ; the 6th case occurred on the 14th ; 7th on the 18th ; 8th, 9th and 10th on the 19th ; 11th, 12th and 13th on the 20th ; 14th, 15th, 16th, 17th, 18th and 19th occurred on the 21st ; 20th on the 22nd ; 21st and 22nd on the 23rd ; 23rd and 24th on the 24th ; 25th on the 25th ; 26th, 27th, 28th and 29th on the 26th ; 30th, 31st and 32nd on the 27th ; 33rd, 34th and 35th on the 28th ; 36th, 37th and 38th on the 29th. In all 124 cases occurred and 104 died.

676. The order of occurrence of the cases is shown in the statement printed hereafter.

Hostility of the villagers to the measures adopted.

675. The people were obstructive and opposed our measures and, although we put up huts and pandals on the foreshore for them to live in, they did not leave their dwellings nor even enter them. They did not use them up to the last, although, as stated hereafter, a large number of

the population left the village in January. They were most difficult people to deal with, and constantly obstructed or molested our men.

Outbreak in Worli village.

Searching for a "Devi" or spirit.

678. While we were disinfecting and attempting to kill the microbes, the people were marching in processions and searching for the *devi* who caused the disease. They would not listen to the excellent advice of Brahmin priests in the temple who tried to persuade them to do as we wanted.

679. In December the water-supply in or near buildings was cut off, and stand-pipes put up in open positions.

680. In January some 2,800 people left the village and encamped on open land, a little way off, and did not return till March. Amongst the people who were out 18 cases occurred, while after their return in the middle of March, having been away from the village for over two months, not a case occurred even up to the present time.

681. As I have said, about 2,800 people went out of their habitations and encamped on open ground, a little distance away from the village, and some 1,000 went out of Bombay to visit the temple at the Carli Caves. Amongst the people who went to Carli, 11 cases occurred, and all proved fatal. Of the population of the village, some 80 remained in the village all the time during the epidemic and did not go away.

682. In December the mat roofs and tiles were taken off all the buildings, and obstructions to light removed. The floors of the poorer classes of buildings, with the roofs off, and the rooms in the verandahs removed, were open to the sky. The whole village was lime-washed in January.

Naigaum cases.

683. The course of the disease in the village of Naigaum is very interesting. Naigaum has a population of about 3,000 people.

684. The 1st case occurred on the 29th September; 2nd on the 21st October; 3rd on the 19th December; 4th on the 21st December; 5th on the 22nd; 6th on the 30th; 7th and 8th on the 31st; 9th and 10th on the 3rd January; 11th and 12th on the 8th January; 13th on the 17th; 14th on the 19th; 15th on the 20th; 16th and 17th on the 23rd; 18th, 19th, 20th and 21st on the 25th; 22nd on the 26th; 23rd, 24th, 25th, 26th, 27th and 28th on the 27th. From this period the disease decreased. There were 10 houses in which more than one case occurred. In all 114 cases occurred and 58 deaths.

Cases in Dhakji Purbhu's Wadi.

685. Dhakji Purbhu's Wadi contains a number of chawls, the drainage of which runs down to low-lying ground. The chawls are occupied by mill-hands, and people going backwards and forwards to the chawls have to walk through sewage.

686. The 1st and 2nd cases occurred on the 21st January; 3rd on the 22nd; 4th, 5th, and 6th on the 24th. On any one date not more than 4 cases occurred. The tiles were taken off the roofs, obstructions to light removed, and the water-supply near the chawls cut off, and stand-pipes erected at a distance. Afterwards the buildings were thoroughly limewashed. In all 46 cases occurred and 32 deaths. The population is a fluctuating one of from 2,000 to 3,000. A fresh case, the last case after a long interval, occurred on the 17th June.

Dharavi Koliwada.

687. The outbreak in the extreme north of the island in Dharavi Koliwada was an interesting one, as it was suggested that the disease

had been imported by a Koli, one of the residents who went one night by train to Mazagon to see a relative who was ill from Bubonic Plague. He remained in Mazagon one night and one day, and returned the next evening, ill with fever, to Dharavi. This case attracted attention, as the 2nd case occurred within 24 hours in the same house. The 1st occurred on the 3rd of February. I am inclined to believe that the disease was not imported into this village by the 1st case observed, and that there was not a connection between the 1st and 2nd cases. The short interval that elapsed between the 1st and 2nd cases, suggests to me that there was no connection between the cases. In the group of villages in this locality, 227 cases in all occurred and 125 deaths.

Population of Worli Koliwada village	3,989
Number of huts in do. do.	700
Distance of the house in Worli Koliwada where the first case of Bubonic Plague occurred from the house where the second case occurred	250 yards.
Number of cases in Worli Koliwada	124
Number of chawls on Cleveland Road	5
Number of cases that occurred in these chawls ...	9
Number of cases that occurred in Sewri Koliwada ...	134
Number of deaths in Sewri Koliwada...	104
Number of huts in Sewri Koliwada	157
Population of Sewri Koliwada...	1,865
Number of cases that occurred in Naigam village ...	114
Number of deaths in Naigam village	58
Population of Naigam village	3,000

DHAKJI PURBHU'S WADI.

Date.	Cases.	Attacks.	Deaths.
21st January 1897 ...	1, 2	2	2
22nd " " ...	3	1	1
24th " " ...	4, 5, 6	3	...
26th " " ...	7, 8, 9	3	3
27th " " ...	10, 11, 12, 13	4	2
28th " " ...	14, 15	2	2
29th " " ...	16, 17, 18, 19	4	3
30th " " ...	20, 21	2	2
31st " " ...	22, 23	2	1
1st February 1897 ...	24	1	1
3rd " " ...	25, 26	2	2
4th " " ...	27, 28	2	1
5th " " ...	29, 30	2	2
6th " " ...	31, 32	2	1
10th " " ...	33	1	1
14th " " ...	34, 35, 36	3	2
15th " " ...	37	1	1
17th " " ...	38	1	1
21st " " ...	39	1	...
22nd " " ...	40, 41	2	1
23rd " " ...	42	1	...
25th " " ...	43	1	1
1st March 1897 ...	44	1	...
13th " " ...	45	1	1
17th June " ...	46	1	1
Total ...			32

Pro. No.	Street.	House No.	Roman figures indicate date of attack and italic figures date of death.
1	Dhakji Purbhu's Wadi..	7	21-1—*26-1* ; 27-1—*7-2*
2	" " ...	16	21-1 ; 24-1
3	" " ...	8	22-1—*24-1* ; 27-1 ; 29-1—*30-1*
4	" " ...	9	24-1
5	" " ...	2	24-1 ; 27-1—*29-1*
6	" " ...	30	26-1—*30-1*
7	" " ...	4	26-1—*2-2*
8	" " ...	38	26-1—*30-1* ; 4-2—*6-2* ; 4-2; 6-2 ; 13-3—*14-3*
9	" " ...	9	27-1 ; 28-1—*30-1* ; 28-1—*31-1* ; 30-1 —*30-1* ; 31-1 ; 14-2—*16-2*
10	" " ...	39	29-1 ; 31-1—*1-2*
11	" " ...	23	29-1—*1-2* ; 10-2—*12-2* ; 17-2—*19-2*
12	" " ...	1	29-1—*31-1* ; 1-3
13	" " ...	Nil	30-1—*2-2* ; 22-2—*26-2*
14	" " ...	68	1-2—*3-2*
15	" " ...	17	3-2 ; 3-2 ; 21-2
16	" " ...	19	5-2—*7-2*
17	" " ...	28	5-2—*7-2* ; 14-2—*15-2*
18	" " ...	35	6-2—*7-2*
19	" " ...	32	14-2
20	" " ...	33	15-2—*22-2*
21	" " ...	24	22-2 ; 23-2
22	" " ...	18	25-2—*28-2*
23	" " ...	37	17-6—*18-6*

NAIGAUM.

Date.	Cases.	Attacks.	Deaths.
29th September 1896 ...	1	1	...
21st October 1896 ...	2	1	...
19th December 1896 ...	3	1	...
21st " " ...	4	1	1
22nd " " ...	5	1	1
30th " " ...	6	1	1
31st " " ...	7, 8	2	2
3rd January 1897 ...	9, 10	2	...
8th " " ...	11, 12	2	2
17th " " ...	13	1	...
19th " " ...	14	1	1
20th " " ...	15	1	1
23rd " " ...	16, 17	2	...
25th " " ...	18, 19, 20, 21	4	1
26th " " ...	22	1	1
Carried forward ...			11

Naigaum—*contd.*

Date.	Cases.	Attacks.	Deaths.
Brought over ...			11
27th January 1897 ...	23, 24, 25, 26, 27, 28	6	6
28th " " ...	29, 30	2	1
29th " " ...	31	1	1
30th " " ...	32, 33, 34, 35	4	...
31st " " ...	36, 37, 38, 39, 40, 41	6	2
1st February 1897 ...	42	1	1
2nd " " ...	43, 44	2	1
3rd " " ...	45, 46, 47	3	1
4th " " ...	48, 49, 50, 51, 52	5	1
5th " " ...	53, 54, 55, 56	4	3
8th " " ...	57	1	...
9th " " ...	58, 59	2	...
10th " " ...	60, 61	2	2
14th " " ...	62	1	1
15th " " ...	63, 64, 65, 66	4	4
16th " " ...	67	1	1
17th " " ...	68, 69, 70	3	2
18th " " ...	71	1	...
19th " " ...	72	1	...
20th " " ...	73	1	1
21st " " ...	74	1	1
23rd " " ...	75	1	...
24th " " ...	76	1	...
26th " " ...	77	1	...
1st March 1897 ...	78, 79, 80	3	3
2nd " " ...	81, 82	2	2
5th " " ...	83, 84, 85, 86, 87	5	4
7th " " ...	88	1	...
8th " " ...	89	1	...
9th " " ...	90, 91, 92, 93	4	2
10th " " ...	94, 95	2	...
14th " " ...	96	1	1
18th " " ...	97	1	...
19th " " ...	98	1	1
23rd " " ...	99	1	1
24th " " ...	100	1	1
29th " " ...	101	1	1
13th April 1897 ...	102	1	...
14th " " ...	103, 104	2	...
15th " " ...	105	1	...
16th " " ...	106, 107, 108	3	...
19th " " ...	109	1	...
23rd " " ...	110	1	1
24th " " ...	111, 112	2	1
26th " " ...	113	1	...
28th " " ...	114	1	...
Total ...			58

NAIGAUM.

Pro. No.	Street.	House No.	Roman figures indicate date of attack and italic figures date of death.
1	Naigaum Cross Road ...	9	29-9 ; 23-3—*26-3* ; 24-3
2	Do. ...	A-35	21-10
3	Naigaum Road	24	19-12 ; 21-12—*22-12* ; 22-12—*22-12*
4	Do.	385	30-12—*1-1* ; 31-12—*1-1*
5	Do.	587	31-12—*13-12*
6	Naigaum Cross Road ...	208	3-1 ; 3-1 ; 3-2—*5-2*
7	Do. ...	Union Mill.	8-1—*9-1*
8	Naigaum Road	50	8-1—*10-1* ; 27-1—*28-1*
9	Naigaum Cross Road ...	40	17-1 ; 19-1—*20-1* ; 20-1—*28-1* ; 23-1 ; 25-1 ; 25-1 ; 25-1 ; 27-1—*28-1* ; 30-1
10	Do. ...	204	23-1
11	Do. ...	43	25-1—*27-15* ; 27-1—*28-1*
12	Naigaum Road	48-49	26-1—*27-1*
13	Do. ...	208	27-1—*29-1*
14	Do. ...	A-208	27-1—*31-1*
15	Naigaum Cross Road ...	26	27-1—*29-1*
16	Do. ...	253	28-1 ; 30-1 ; 4-2
17	Do. ...	Hut.	28-1—*3-2* ; 15-2—*17-2* ; 26-4
18	Do. ...	255	29-1—*1-2* ; 31-1—*1-2* ; 2-2—*6-2* ; 10-2—*17-2*
19	Do. ...	143	30-1
20	Do. ...	46	30-1 ; 31-1
21	Do. ...	Nil.	31-1 ; 4-2 ; 8-2 ; 9-2 ; 18-2 ; 19-2
22	Do. ...	209	31-1
23	Naigaum field	Nil.	31-1
24	Naigaum Cross Road ...	37	31-1—*2-2*
25	Naigaum Road	Nil.	1-2—*7-2* ; 10-3
26	Naigaum Cross Road ...	42	2-2
27	Do. ...	254	3-2
28	Do. ...	576	3-2
29	Do. ..	300	4-2
30	Naigaum Road	Hut.	4-2—*8-2* ; 4-2 ; 5-2—*7-2* ; 5-2 ; 15-2—*21-2* ; 1-3—*7-3* ; 2-3—*6-3* ; 14-3—*22-3* ; 14-4 ; 15-4—*17-4*
31	Naigaum Cross Road ...	252	5-2—*6-2*
32	Naigaum Road	405	5-2—*8-2* ; 17-2—*21-2* ; 17-2—*21-2*
33	Do.	53	9-2
34	Do.	51	10-2—*13-2*
35	Do.	49	14-2—*18-2*
36	Do.	620	15-2—*18-2* ; 5-3—*6-3* ; 9-3—*10-3* ; 9-3—*10-3* ; 14-4
37	Do.	241	15-2—*19-2* ; 17-2 ; 21-2—*22-2*
38	Do.	242	16-2—*19-2*
39	Do.	246	20-2—*22-2*
40	Do.	232-233	23-2 ; 24-2 ; 26-2
41	Do.	256	1-3—*14-3*
42	Do.	213	1-3—*2-3*
43	Do.	409	2-3—*6-3* ; 8-3
44	Naigaum Road (Booran Tank).	A-105	5-3—*6-3* ; 5-3—*6-3* ; 5-3—*8-3*

Naigaum—*contd.*

Pro. No.	Street.	House No.	Roman figures indicate date of attack and italic figures date of death.
45	Naigaum Road (Booran Tank)	105	5-3
46	Naigaum Road	408	7-3—*8-3*
47	Do.	272	9-3
48	Do.	56	9-3
49	Do.	259	10-3 ; 19-3
50	Do.	496	18-3
51	Do.	600	29-3—*31-3* ; 23-4—*25-4* ; 28-4
52	Do.	61	13-4 ; 16-4 ; 16-4 ; 24-4—*25-4*
53	Do. ...	497	16-4
54	Naigaum Cross Road ...	A-414	19-4 ; 24-4

WORLI KOLIWADA.

Pro. No.	Street.	House No.	Roman figures indicate date of attack and italic figures date of death.
1	Worli Koliwada	6	1-12—*10-12*
2	Do.	536	11-12—*14-12*
3	Do.	Nil.	13-12 — *16-12* ; 19-12 — *22-12* ; 20-12—*22-12* ; 20-12- *22-12* ; 21-12 ; 21-12—*25-12* ; 3-1—*9-1* ; 5-1—*6-1* ; 6-1—*7-1* ; 6-1 ; 7-1 — *8-1* ; 14-1—*16-1* ; 14-1—*21-1* ; 15-1—*18-1* ; 16-1—*17-1* ; 22-1 ; 27-1—*30-1*
4	Do.	335	13-12 — *18-12* ; 13-12 — *18-12* ; 24-12—*25-12* ; 24-12—*27-12*
5	Do.	537	14-12—*16-12*
6	Do.	534	18-12—*20-12*; 21-12 ; 21-12—*25-12*; 7-1
7	Do.	40	19-12—*22-12* ; 19-12—*28-12*
8	Do.	148	20-12—*27-12*
9	Do.	L-147	21-12—*23-12*
10	Do.	33	21-12—*23-12*
11	Do.	147	22-12 ; 23-12—*25-12*
12	Do.	13	23-12—*24-12*; 27-12—*3-1*; 1-1—*3-1*
13	Do.	532	25-12—*30-12* ; 26-12—*30-12*
14	Do.	14	26-12—*28-12*; 26-12—*28-12*; 27-12; 29-12—*30-12*
15	Do.	266	26-12—*31-12*
16	Do.	195	27-12—*31-12*
17	Do.	142	28-12—*30-12*
18	Do.	407	28-12—*4-1* ; 2-1—*4-1* ; 3-1
19	Do.	475	28-12—*12-1*
20	Do.	15	29-12
21	Do.	533	29-12—*2-1*
22	Do.	37	31-12—*2-1*

Worli Koliwada—*contd.*

Pro. No.	Street.	House No.	Roman figures indicate date of attack and italic figures date of death.
23	Worli Koliwada	116	31-12—*2-1* ; 6-1—*10-1*
24	Do.	498	31-12—*2-1*
25	Do.	141	1-1—*3-1*
26	Do.	131	1-1
27	Do.	198	1-1—*14-1* ; 3-1—*5-1*
28	Do.	45	2-1—*3-1*
29	Do.	192	3-1—*10-1*
30	Do.	136	4-1—*6-1* ; 4-1—*6-1* ; 11-1—*14-1* ; 19-1—*26-1*
31	Do.	166	5-1—*6-1*
32	Do.	200	5-1—*9-1*
33	Do.	197	6-1
34	Do.	77	6-1—*10-1*
35	Do.	387	7-1—*9-1*
36	Do.	262	8-1—*10-1*
37	Do.	101	8-1—*13-1* ; 14-1—*14-1*
38	Do.	183	9-1—*12-1*
39	Do.	Shed.	9-1—*11-1* ; 19-1
40	Do.	231	10-1—*16-1* ; 10-1
41	Do.	30	10-1—*17-1*
42	Do.	444	11-1—*15-1*
43	Do.	440	13-1—*17-1*
44	Do.	502	13-1—*17-1*
45	Do.	239	13-1—*19-1* ; *13-1—19-1*
46	Do.	C-200	15-1
47	Do.	278	15-1—*17-1*
48	Do.	Hut.	16-1—*22-1* ; 20-1
49	Do.	331	18-1
50	Do.	361	19-1 21-1
51	Do.	288	20-1 ; 21-1 ; 21-1
52	Do.	Open ground.	22-1—*24-1*
53	Worli Sluice Road ...	Field.	22-1—*27-1*
54	Worli	Do.	27-1—*28-1*
55	Worli Cleveland Road ...	E-341	29-1—*2-2* ; 29-1 ; 2-2—*14-2* ; 14-2 ; 14-2—*17-2* ; 15-2
56	Do. ...	2	•4-2
57	Do. ...	A-341	•3-2 - *9-2* ; 14-2—*18-2*
58	Worli Koliwada	78	6-2—*12-2*
59	Do.	313	10-2—*14-2*
60	Do.	520	11-2—*18-2*
61	Do.	C-341	13-2—*20-2* ; 25-2
62	Do.	Hut.	14-2—*17-2*
63	Do.	169	15-2—*17-2*
64	Do.	128	22-2—*26-2*
65	Worli Cleveland Road ..	Nil.	22-2—*27-2*
66	Worli Koliwada	Nil.	25-2
67	Do.	118	26-2—*28-2*
68	Do.	Nil.	28-2—*5-3*°
69	Do.	Hut.	4-3
70	Do.	541	3-4

688. 297 cases of Bubonic Plague were treated in the Arthur Road Hospital up to the end of the year, and the mortality was very low, considering how hopeless on admission, many of the cases sent to hospital were and that some of them had neither received care nor food after their illness commenced till they were admitted into hospital, having been sent by inspection parties from the City to Arthur Road in the first period, and generally to Grant Road Hospital in the last period, the latter being the most convenient.

Favorable results of treatment in the Arthur Road Hospital.

689. The proportion of mortality amongst Christians admitted into Arthur Road Hospital, may be taken as the average result likely to be obtained from treatment, although even amongst Christians some cases were found that had been neglected or who, being without any one to care for them, were sent to hospital. The results, however, were favorable, 48 per cent. recovering, and although not so good as in the European Hospital, are strong evidence, it must be admitted, of the value and excellence of the Municipal Hospital. The Christians were all poor and many of them strangers and yet 48 per cent. recovered.

TABLE SHOWING THE NUMBER OF CASES OF BUBONIC PLAGUE ADMITTED INTO THE ARTHUR ROAD HOSPITAL IN 1896.

Disease.	Admitted.	Recovered.	Died.	Percentage of Mortality.
Bubonic Plague	297	98	199	67·00

TABLE SHOWING THE NUMBER OF CASES OF BUBONIC PLAGUE ADMITTED INTO THE ARTHUR ROAD HOSPITAL FROM SEPTEMBER 1896 UP TO JUNE 1897 AND THE RATE OF MORTALITY.

Months.	Number admitted.	Died within 24 hours.	Died within 48 hours.	Total Deaths.	Recovered.	Percentage of Total Mortality.	Percentage of Mortality, excluding the deaths within first 24 hours.
1896.							
September*	88	17	10	46	42	52·23	40·84
October *							
November	27	9	3	18	9	66·67	50·00
December	182	60	63	135	47	74·12	61·47
1897.							
January	277	90	43	191	86	69·00	54·00
February	365	130	46	298	67	81·64	71·48
March	193	54	34	130	63	67·35	54·28
April	60	17	10	34	26	56·66	39·53
May	26	7	1	10	16	38·46	15·78
June	42	2	1	6	36	14·28	10·00
Total ...	1,260	386	211	868	392	68·88	38·25

* As only 3 cases were admitted in the end of September, they have been included in October cases; of these, 2 recovered and 1 died.

TABLE SHOWING THE MORTALITY FROM BUBONIC PLAGUE BY CLASSES ARRANGED BY SEX IN ARTHUR ROAD HOSPITAL.

Hindus.

	Admitted.	Recovered.	Died.	Percentage of Mortality.
Males	172	71	101	58·72
Females	50	21	29	58·00
Children	33	17	16	48·48
Total ...	255	109	146	57·25

Mussulman.

	Admitted.	Recovered.	Died.	Percentage of Mortality.
Males	24	11	13	54·16
Females	4	3	1	25·00
Children	2	.....	2	100·00
Total ...	30	14	16	53·33

Christians.

	Admitted.	Recovered.	Died.	Percentage of Mortality.
Males	24	10	14	58·33
Females	5	3	2	40·00
Children	2	2	.....	00·00
Total ...	31	15	16	51·61

TABLE SHOWING THE NUMBER OF CASES OF BUBONIC PLAGUE ACCORDING TO SEX ADMITTED INTO THE GRANT ROAD HOSPITAL AND THE RATE OF MORTALITY.

Admitted.			Recovered.			Percentage of Mortality.		
Males.	Females.	Total.	Males.	Females	Total.	Males.	Females.	Total.
260	114	374	108	41	149	58·47	64·04	60·16

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE EUROPEAN GENERAL HOSPITAL FROM BUBONIC PLAGUE AND THE RATE OF MORTALITY.

Admitted.	Died.	Percentage of Mortality.
95	37	38·94

TABLE SHOWING THE PERCENTAGE OF MORTALITY AMONGST CASES ADMITTED INTO THE PAREL HOSPITAL.

Mortality.	Men.	Women.	Children.	Boys.	Girls.
64·5	68·6	71·0	52·8	42·5	64·3

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE HINDU FEVER HOSPITAL FROM THE 28TH OF JANUARY UP TO THE END OF JUNE AND THE RATE OF MORTALITY.

Months.	Admitted.	Recovered.	Died.	Percentage of Mortality.
January	4	...	4	100·0
February	73	18	55	75·3
March	135	36	99	73·3
April	101	21	80	79·2
May	17	2	15	88·2
June	1	...	1	100·0
Total...	331	77	254	76·7

In 196 cases buboes were observed.

TABLE SHOWING THE PROPORTION OF BUBOES TO CASES IN THE CUTCHI MEMON HOSPITAL.

			In the Beginning.	Later.
With Buboes ...	A.	Mild form without febrile symptoms ...	2 %	5 %
		Do. with do. do. ...	1 „	20 „
	B.	Severe form	95 „	65 „
Without Buboes		With lung complication	1 „	5 „
		Without lung complication	1 „	5 „

TABLE SHOWING THE NUMBER OF CASES WITH EXTERNAL GLANDULAR ENLARGEMENTS ADMITTED INTO THE WARI BUNDER HOSPITAL.

Femoral.	Inguinal.	Cervical.	Axillary.	Cervical and Inguinal.	None.
15	10	9	6	4	6

TABLE SHOWING THE NUMBER OF CASES OF BUBONIC PLAGUE ADMITTED INTO THE DHARAVI PLAGUE HOSPITAL DURING APRIL AND MAY 1897.

Disease.	Admitted.	Died.	Percentage of Mortality.
Bubonic Plague ...	70	31	44·28

TABLE SHOWING THE NUMBER OF CASES OF BUBONIC PLAGUE ADMITTED INTO THE PARSEE HOSPITAL FROM THE 18TH OF DECEMBER 1896 TO THE 31ST OF AUGUST 1897 AND THE RATE OF MORTALITY.

Admitted.	Recovered.	Died.	Percentage of Mortality.
321	130	185	57·63

Hospital results various.

690. The results of treatment in different hospitals varied very much. For instance, 50 cases were admitted in the Julai or Weavers' Hospital between the 10th of April and the 5th of July, the patients were treated by a "Hukim" in this Hospital shed, and out of the 50 only 22 died. This is a very remarkable result, although the hospital was under the supervision of Dr. Deane the District Medical Officer, the cases were treated by the Hukim. An explanation has been suggested to me that the large proportion of recoveries was due to the fact that the patients were very much let alone and, except by their friends, very little disturbed. However, there is the fact that, out of 50 cases, some of which Dr. Deane told me were of a very bad type, only 22 died. The patients were Mussulman, but very poor, and the Julais are a class amongst whom cases of Famine Fever sometimes appear. It may be that the large proportion of recoveries was due to the patients being Mussulman, a people who have shown great powers of resisting the disease.

Yersin's serum.

691. Very few cases occurred round hospitals. Two cases occurred in the servants' quarters of the Technical Institute at the back of the Parsi Fever Hospital.

692. I am afraid we had not entertained the hopes that had been formed in England of the value of Dr. Yersin's serum. In fact, the expectations formed in England were based on hopes that have not been realized from any system of treatment in any disease. We could only hope, although we had little faith, that the expectations had been well founded and would be realized. We were only too anxious to give a trial to any treatment and an opportunity to any medical man.

Parel Hospital. Yersin's serum in use.

693. Dr. Thomson reported 27 cases treated by Dr. Yersin's serum in Parel Hospital. He excluded four as not being fair cases by which to judge the treatment. Of the 23 cases, 13 died and 10 recovered.

694. A very interesting case of a school boy sent to Parel Hospital from Dhunjee Dongri Street occurred. He had been inoculated with prophylactic serum on the 24th of April, and on the 29th symptoms of bubonic plague appeared. He had two buboes—one on the left side and one on the left arm. The case turned out to be a mild one, and he recovered and was discharged from hospital on the 7th of May.

695. Professor Lustig, who had prepared a curative serum, treated a small number of cases in the Arthur Road Hospital. Although the results were very favorable, the cases are too few in number to justify any conclusions being drawn from them. Professor Lustig thus describes the serum :— Prof. Lustig's serum.

"After many trials we were able to procure from plague bacilli "cultivated in 'agar,' of which the virulence was known, a substance "free from bacteria, which inoculated in animals in sufficient quantity is "extremely poisonous, and in small quantities makes them quite refrac- "tory to the most dangerous forms of infection. From the animals "vaccinated two or three times with this substance in small doses and at "intervals of two days, we can obtain a serum with decidedly curative "and preservative action." Seven (7) cases were treated by Professor Lustig, of whom 6 recovered and 1 died. In other cases inoculated, the results were not so favourable, and gave a mortality of over 40 per cent.

HOSPITALS OPENED.

	Hospitals.	Date of use.
M	Arthur Road Municipal Hospital	From commencement.
G	St. George's European General Hospital ...	" "
P	Arthur Road Jain Hospital	30th September 1896.
P	Parel Road Parsi Hospital	11th December "
P	Port Trust Hospital	23rd " "
P	Modikhana Hospital for Sahebs' Servants ...	31st January 1897.
G	Parel Government House	18th February "
M	Grant Road Municipal Hospital	4th March "
	Pilot Bunder Hospital	10th " "
P	Connaught Road Hindoo Hospital	12th " "
P	Immambara Umarkhadi by Aga Abdool Hossein for Mogals...	15th " "
P	Clive Road for Dussa Sa Bunias	17th " "
P	Mint Road by Govindji Thakarsi Moolji for Bhattias	18th " "
P	Charni Road by Adamji Pirbhoy for Bohra Community	19th " "
	Sion Hospital	23rd " "
	Foras Road Police Hospital	24th " "
P	Satri Sarang Street	25th " "
P	Musjid Street Mahomedan Hospital	25th " "
G	Wari Bunder Hospital	26th " "
	Mahim Hospital	27th " "
P	Tantanpura Street Khoja Hospital	28th " "
	Jackeria Musjid Street for Cutchi Memon ...	29th " "
	Modikhana Hospital	31st " "
P	Parel Road Jain Hospital	1st April "
P	2nd Pinjrapole for Marwadis	1st " "
	Worli Hospital	1st " "

Hospitals opened—*continued.*

	Hospitals.	Date of opening.
P	Kolsa Street by Haji Cassum Mitta for Memon Sunees	1st April 1897
	DeSouza Street for Lohana Cutchi Halari Gogjari Community	1st „ „
P	Reay Road Hospital	1st „ „
P	Bapukhote Street for Khatri Mahomedan ...	1st „ „
P	Dharavi Private Hospital	4th „ „
P	Haji Cassum Jusab Hospital Rangari Moholla.	8th „ „
	Ripon Road Julai Hospital	10th „ „
P	Telgu Hospital	14th „ „
P	Nagdevi Street General Mahomedan Community	15th „ „
P	Memon Moholla Street for Hali Memon ...	18th „ „
P	Narial Wadi Hospital...	25th „ „
P	Connaught Road Khoja Hospital	26th „ „
P	Don Tad Cross Lane Hospital	27th „ „
P	Bhoiwada, Bhuleshwar, for Marjedi Vishnav Bunia	1st May „
	Falkland Road Hospital	7th May „

Recurrence of the disease.

696. Only three cases of a recurrence of the disease and of second attacks have been reported to me. Two of the cases I reported in a paper read before the Medical and Physical Society, and they are also referred to in a paper by Dr. Herbert :—

"Mrs. E. (Flora Benjamin)—1st attack at Hongkong on the 24th "June 1894, Sunday. (Previous to my getting ill, my Ayah got "bubonic fever on the 21st or 22nd of June; she was removed by her "relatives, and she died.) I got ill on the evening of the 24th Sunday. "I got fever, accompanied with vomiting and severe pain in the head. "Temperature 105. Dr. Jardine of Hongkong saw me on the morning of the 25th (Monday). He prescribed for me a purgative powder "and mixture. On the 26th (Tuesday) I felt better, and I could walk "for about two or three hours, when I got bad again—this time with "a severe chill—and temperature rose again. On this day Dr. Jardine "saw me again and prescribed. He continued seeing me daily twice "till the 29th, when I got very bad and had severe pain in the neck "(left side). On Saturday, 30th, two consultants, Dr. Hastings and "Dr. ———, came with Dr. Jardine, and they removed me forthwith "to hospital (isolation). I don't remember now anything for about a "week. The swelling in the neck was very painful. I could not move "my neck. I was then operated upon the neck (the scar is there). "Six days afterwards Drs. Lowson, Morry, Newks and Penny saw me "at the hospital, and operated on me again. From this date I gradually recovered, being regularly and kindly attended by the doctors till "the 8th day of August, when I left the hospital quite well."

RECURRENCE.

"On Sunday, the 6th December 1896, I had a severe pain in the "head ; this continued for two days, with slight fever and general "pains. I took castor-oil. Bowels opened seven times. On Tues- "day I got severe chills with vomiting and fever. Dr. L. Godinho saw "me. Temperature 105 ; vomiting incessant. Linseed and mustard "ordered to the stomach. The fever remained high all day. Quinine "mixture given. On Wednesday I complained of pain in the right "groin. Dr. Godinho examined me and found a glandular swelling "there (femoral region). The gland could be felt—good-sized marble. "Dr. Godinho saw me twice on Wednesday. The fever continued "104 to 105. On Friday he saw me again, and changed mixture. "The temperature now fell (Friday) to 103 and gradually went down "to Sunday, when I felt nearly well, the swelling and pain getting less "and disappearing. The lymphatics were painful."

CASE NO. 2.

"30th September 1896.—Mahomed Allybux Kadirally (age 53), "Samuel Street, No. 197, second floor.

"3rd day.—Left parotid bubo, size of a pigeon's egg, tender. Pulse "150 ; respiration 44 ; temperature 105. Shivering delirious (bubo, "second day). 40 minims of medretine given and 10 minims of liq. "hydrarg. perchl. every two hours. Calomel gr. ii stat. Ice to the head ; "2 powders given.

"31st October.—Restless, 3 motions. Temperature 103 ; pulse "uncountable ; respiration 56 ; bubo more painful and tender. "Delirious. Medretine given. Phenacetin and soda salicylas every two "hours, as necessary.

"1st November.—Pulse 180 ; respiration 44 ; temperature 103·5 "Delirious; sleep disturbed ; right lung congested. Had one motion. "Had 3 powders and medretine given, oz. ii in 24 hours. Mixtures, "stimulants and expectorants.

"2nd November.—Bubo enlarging and painful : pulse 130 ; "respiration 40 ; temperature 102·2. No headache ; lung clear ; "had one motion. Treatment same.

"3rd November.—Temperature 101 ; Pulse 132 ; respiration 33. "A little better. Medretine given every two hours, and ext. carnis and "rum every four hours.

"4th November.—Temperature 102·2 ; pulse 144 ; respiration 40 ; "bubo subsiding ; right parotid gland appears tender ; medretine every "four hours ; ext. carnis and rum every four hours.

"6th November.—Temperature 100; pulse 140; respiration 40; "lungs a little congested.

"8th November.—Temperature 99; pulse 128; respiration 36.

"15th November.—No fever; bubo suppurated; pulse 112."

RECURRENCE.

"2nd December.—Temperature 105; respiration 40; pulse 144. "Very delirious and starting in bed. Over left parotid gland much "swollen and very tender. Liq. hyd. per m. xv every two hours.

"3rd December.—Temperature 104; pulse 160; respiration 60.

"4th December.—Temperature 104; respiration 40; pulse 102; "delirium less.

"5th December.—Temperature 100; respiration 40; pulse 100; "delirium less.

"6th December.—Doing well.

"*N.B.*—Allibux Kadratally, age 50 (same house), suffered from bubo "30th October 1896; died 3rd November 1896. Femoral bubo. "(Evidently a near relative (father ?) of the boy. From the name I "infer him to be the father.)"

CASE NO. 3.

The patient, Mr. C. T., an Inspector in the Bombay Customs House, a Bania by caste, age 27, was attacked first in February 1897; temperature rising to 105 and a gland in the left femoral region becoming enlarged and painful. Under treatment the gland subsided and the fever disappeared in a week; after that he enjoyed perfect health for nearly two months, when he had a second attack and the same gland again became enlarged and painful. This second attack can be traced to his nursing and almost living in the same house with a Plague patient at Matoonga. On this occasion the gland suppurated and was removed by an operation. The patient made a very slow recovery and was finally discharged cured after living for more than two months in the hospital.

The results of intemperance in a ward boy.

697. A very curious case of a ward boy occurred in the Grant Road Hospital. He had been caught drinking the dregs of stimulants given to the patients; and notwithstanding every prohibition and care, he secretly continued to do so. He contracted the disease and died—a not unexpected effect of his intemperance.

Difficulty of obtaining information of cases

698. The real difficulty during the epidemic was to get information of cases before they died. Even to find ambulance attendants was difficult. We had been trying for a long time to find men to accept employment as ambulance attendants and to remove the sick from houses to the ambulances, but we had great difficulty for a long time in finding any men to accept employment.

699. Every one on whose premises any one without friends died from Bubonic Plague seemed to think that it was our duty and not their own to remove the body, and people, who could have made arrangements just as well as we could, used to write to us to arrange for the immediate disposal of dead bodies. Our Inspectors had in addition to working all day, to go out at night, and were sometimes kept up all night in making arrangements for the removal of the sick or the dead.

Removal and disposal of dead not interrupted.

700. Neither the removal nor disposal of the dead was interrupted. Our Inspectors had to act as undertakers and remove the dead, because no one else would remove dead bodies unclaimed and uncared for. Often in the middle of the night they were summoned to remove the dead, not infrequently dead servants who were abandoned even by their own masters. This is what happened on one occasion. A coachman in the house of—A—was ill and died. A—came to know of it. He ordered the servants to remove the dead body. The servants refused and ran off. A—telephoned to us and to Inspector Desmier. Inspector Desmier went there and found a dead body, and no one near it. The grooms had left the horses as they were, and there was no one to look after them. The residence was deserted, and Inspector Desmier had to bring men to carry the dead body away. The only claims which some, but a very few I am glad to say, of the people seemed to recognize were the claims of relationship, yet it was not from fear of the disease ; it was the influence of the panic spirit even after cause of panic had passed.

Cremation of all Hindu dead.

701. All unclaimed Hindu dead were cremated by the Health Department. It was fortunate that none of the people engaged in the disposal of the dead suffered. Had the grave diggers and the low caste cemetery men become panic-stricken, a frightful state would have come to pass ; but not only did they remain at work, but they did treble work and did not even complain. The grave-diggers behaved courageously in not deserting their duties, and they deserve well of us. They are deserving of reward.

702. Mr. Cuffe gave the Health Department much assistance in making arrangements for the cremation of the dead on the north foreshore of Mahim.

703. There was a rumour at one time that there had been an interruption in the disposal of the dead at the Towers of Silence. I ascertained from enquiries that there was no truth in this rumour.

External appearances of the dead.

704 It is well to put on record some of the more prominent external appearances observed in cases of death from Bubonic Plague. I circulated the following instructions to medical men to guide them in examining dead bodies :—If the position of the body has not been disturbed after death, it will be found on either side, the knees flexed, the head leaning towards the chest, and thumbs pointing

towards the palms. Fixed anxious expression, sunken muddy aspect in the eyes, with a peculiar and unusual lustre, the pupils being dilated, the lids half closed. The complexion is opaque and dingy, the skin dry; if death has been recent, the forehead and hands will be cold and clammy. If there are no distinct buboes in the usual localities, other lymphatics should be carefully examined. *Rigor mortis* is delayed, and there is a softness and want of cohesion in the fibres of the muscles. Occasionally when death occurs during delirium or convulsions, there may be some distortion of the features, in which case if the patient dies when on the back, the head is thrown to either side and the legs separated. If the tongue can be examined it will give valuable information in the early period; it is slightly swollen, with a white or yellowish fur, towards the centre it glistens, towards the tip and edges it is clean. In the later stage it is increased in size, with a yellowish or brown fur, dry, cleft and horny on the surface; and a red streak down the centre. In cases of lung complications it will be seen that the conjunctivæ are injected, the complexion of a blush, livid, dusty hue, and a certain amount of sputa around the lips, in addition to the other appearances described. The general condition of the body is shrunken and collapsed.

705. The posture in which rats or mice died of the disease was also very characteristic.

Segregation of the sick.

706. In regard to segregation, Europeans accustomed to leave home in advocating it have to think of the feelings of the people towards segregation and to remember that, to a people not accustomed to go far from home or to live amongst strangers, life in an hospital amongst strangers has many terrors.

707. Children even, when accompanied by their parents or their relatives, felt the anguish of removal as if they were being taken to a place of torture rather than to an hospital. Scientific instruments for the relief of suffering were in the eyes of the mass of the people—instruments which might be used for torture. In considering the attitude of the people towards compulsory segregation and while forming a judgment on their behaviour, the measure must be looked at from the point of view of the friends of the people who were removed to hospital.

Epidemic chiefly treated by the disinfection of buildings.

708. We have here seen the disease chiefly treated, and I believe with a great measure of success, by measures of house disinfection in which I include the removal of obstructions to the entrance of light and air.

709. The measures of segregation adopted extend over two periods:

I. From September up to the beginning of April, when (*a*) the segregation of all who could not be properly cared for in their own homes was insisted on; and (*b*) when a large number of people were removed from infected buildings;

II. From the beginning of April, about which time the operations of the Plague Committee began, up to June, when (*a*) segregation on a larger scale was attempted and a number of cases were removed to hospital and (*b*) when a smaller number of healthy people were removed from infected buildings.

710. The disinfection in the first period was applied to the whole building, as well as to the place affected. The disinfection in the second period was confined at the time to the place affected.

Cases amongst the Conservancy establishment treated differently to the rest of the population.

711. In neither period was it attempted to treat the few cases amongst scavengers and halalkhores in the same manner as cases in the rest of the population. The sick in these classes were sometimes, but not always, placed in rooms at one end of the building they lived in and their friends came to see them and went away as they liked. We erected huts for their use, but the huts were seldom used. The measures were sufficient, for in municipal chawls occupied by scavengers and halalkhores few cases occurred. That is the proof—the proof necessary of the success of the measures. In a chawl in Kamathipura, occupied by 800 people, in the midst of the most affected area, up to the end of the year, only one doubtful case occurred; yet these chawls are much crowded, as many as 7 men, women and children to each room. While the people living in municipal chawls suffered lightly, the same class living in the ordinary buildings of the city close to the municipal chawls suffered as the rest of the population. The policy from the first was based on the right principle of removing to hospital the poor living in ill-ventilated and crowded buildings. If that policy was successful in the case of municipal scavengers and halalkhores, it must be the right policy in the case of the general population. If in one group of buildings fairly ventilated, although overcrowded and occupied by one class, cases can be treated with success and without danger to the healthy, then it may be assumed that in other buildings, equally well ventilated and occupied by other classes, cases can equally well be treated with safety.

Escape of scavengers from the disease.

712. I have referred to the extraordinary freedom of the halalkhores and scavengers living in municipal chawls, but a similar immunity has been observed in the case of disreputable women living in many portions of the City. Dr. Rogers Pasha and Professor Bitter, who examined with me the municipal chawls or barracks in Kamathipura and the houses of the disreputable classes in the same localities, agreed that the conditions of better ventilation and less overcrowding were the conditions in which these buildings differed from the houses around them. The Leper Asylum in Matoonga has had an extraordinary immunity from the disease in the Island. Only one case amongst Lepers has been reported.

Currents of air fatal to the disease.

713. The organism does not seem to be able to develop virulently or to survive where there are free currents of air, and hence it passes by or little affects well-ventilated buildings.

Measures of prevention.

714. The measures for the prevention of the disease that have been found most efficient are the removal of all obstructions to the admission of light and air, and the thorough cleansing and disinfection of the inside of buildings.

Pythogenic theory—Conditions most favourable to the spread of the disease.

715 When the disease is described as a "filth" one, the sense in which the word "filth" is used must be defined. The "filth" condition in this city that has most influenced the disease has been insufficient ventilation of buildings, and hence the measures that have had most direct effect on the progress of the disease have been directed to the inside of buildings—ventilation, cleansing and disinfection, and measures of house drainage. The common view of the pythogenic nature of the disease must be modified.

On the spread of the disease—Effect of measures to secure segregation of the sick—disappointing.

716. There are facts which ought to be recorded in regard to the effect of segregation on a large scale in this Island. Notwithstanding that segregation was as well carried out, as it could be, from the 11th of March to the 31st of May, 1,073 cases occurred in the northern suburbs, a number in proportion to population greater than in the densely populated city during the epidemic period. In April the mortality was higher amongst the Mussulman population than in the worst period of the epidemic in the localities occupied by Mussulman although they had not fled the city.

Little effect of anything done outside buildings in saying the disease.

717. We have seen that the scavengers and halalkhores although working with naked feet and hands in the filth from houses where cases had occurred, were the least affected of all classes of the poor, and we have seen that preparation made to resist the advance of the disease—the cleansing of the streets and the flushing of the drains of districts—had only the slightest effect on it.

718. We have seen in our experience that anything done outside the buildings in which cases have occurred has had little effect on the growth of the disease.

Period of incubation and after course and medium.

719. There is a varying and uncertain period between the time of the occurrence of the first observed cases and the subsequent prevalence of the disease, or the epidemic period. A direct connection cannot always be established. In some instances they occur—the first and subsequent cases close to each other, in others they do not. It occurs at once to a student to inquire how the microbe which, as we know, is very easily killed or rendered inert in the laboratory, survives in the interval and where it continues to live. The explanation that suggests itself to me is, that either the first cases observed were not the first cases that occurred or that they were the first cases that had attracted attention (just as a patient often ascribes his illness to the last

chill, the last event that preceded the approach of sickness and impressed itself on his recollection), or that the microbe has more vitality in favourable conditions than experiments in the laboratory indicate. It may occur to an inquirer to ask if the organism passes through an intermediate stage in animals or elsewhere. The question can only be asked, for as one of the most distinguished members of the missions who came here to study the disease observed to me, this is still a "mystery" and can only be penetrated after prolonged inquiry and experiment.

Places close to Bombay little affected till a late date.

720. It is a very remarkable circumstance that in a city so close to Bombay and other affected places as Kalyan, which is within 33 miles, only 78 cases of bubonic plague occurred up to July. Of the 78 cases, 49 were imported. The first case occurred on the 6th of October, and the last case on the 30th June. My information is dated the 22nd of July.

Vitality of the disease.

721. Although the bacillus of Bubonic Plague is so easily destroyed in a laboratory, it must have extraordinary vitality under the natural conditions in which it thrives. We see that the disease disappears from portions of the globe for long historical periods and then re-appears. There are only two explanations that can be offered of the course followed by the Pestilence through the ages: (1) either that the disease advances from an endemic area or breeding ground like an invasion of locusts; (2) or that it exists on many parts of the earth's surface in some modified form amongst human beings and animals. Both conjectures may be correct. We can imagine it existing amongst human beings in an endemic area and at the same time existing in other portions of the world in an attenuated form of disease amongst animals. The prevalence of tonsilitis and at times diarrhœa, in the epidemic period suggested to me the existence and occurrence during the epidemic of a modified form of the disease.

Like an invasion of locusts.

Does the disease exist in a modified form or type?

Prevention and importation.

722. The question of prevention arises. Can the importation of this disease into a seaport town in India or any other country, where malarial fevers are not uncommon, be prevented?

It cannot under certain contingencies. My opinion is that it is not practicable by any measures in any part of India to prevent its spread except when the type of disease is the simple glandular form and when the disease has not been communicated to rats. The opinions held in the beginning as to the ease with which the spread of the disease can be prevented are erroneous. The more knowledge we have, the more difficult it appears to be, to recognise some forms of Bubonic Plague and to prevent the importation of the disease and its spread into a seaport town. Its introduction can only be detected when the disease is imported by human beings suffering from an easily recognizable type of the malady.

The spread of the disease difficult to arrest.

Prevention of the importation or conveyance of the disease very improbable.

723. When the disease is carried by rats or conveyed in clothing or other articles, its importation or conveyance is not likely to be prevented. The importation of cases into London in 1896 indicates how far the disease may be conveyed by sea although generally it does not appear that the disease is conveyed long distances by a sea-route. It appears to me that Bombay is in more danger from Upper India and the Kathiawar Coast and the endemic area by the Persian Gulf, than from China.

Measure to prevent or arrest the importation of the disease.

724. The measures that can be taken to prevent the importation of the disease may now be considered. There is only one measure, from which any effect can be expected, and that measure is quarantine, or any other name by which inspection of traffic and restriction on communication may be called—stringent and careful examination of every one entering Bombay and disinfection of every article, but the result to be expected from that measure is very uncertain.

Quarantine.

725. This conclusion that quarantine, however ineffective, is the measure from which most effect is to be expected must be admitted with the knowledge we now have of the disease. M. Haffkine was undoubtedly right in the advice he gave as to the measure that ought, on principle, to be adopted for treating the disease, though he did not hope for success from any measure; but he laid down the right principle, namely surrounding and preventing all intercourse with the infected area. When the disease is carried by other agencies than human beings, there can be little hope of interrupting its spread. The steady advance of this pest over Continents suggests to some minds the reflection that either the disease may advance with the migration of rodents or that the microbe may have an existence in nature outside human beings.

Little hope of interrupting its spread under certain conditions.

The most difficult and the most easy of diseases to treat.

726. When the disease has entered a large city, it is at once the most difficult and the most easy of diseases to treat. In crowded, dark, damp dwellings it is impossible to prevent the spread of the disease except by removing all the people healthy or sick from the buildings or by treating the buildings as if they were on fire, and pouring into them streams of disinfecting fluids. The advice given by Dr. Cleghorn, when deputed here by the Government of India to remove the healthy from buildings where cases occurred is undoubtedly sound.

Measures may be modified.

727. The experience gained in this city suggests to my mind that measures either of disinfection or segregation may be modified according to—

(*a*) The type of the disease.

(*b*) The ventilation of buildings.

In the simple glandular form of the disease it is not necessary to remove the patient from a well ventilated building. Even in the Pneumonic form a discretion may be used in well ventilated buildings occupied by few people. In dealing with this disease in a city the great danger to be avoided is the concealment of cases. The

idea that the concealment of cases in a city can be prevented is, I am afraid, a delusion of inexperience. Measures however excellent in a place where cases cannot be easily concealed may in a large city lead to the concealment of cases and assist the spread of the disease they are intended to check. The right measures must be enforced in the right manner.

728. It is not absolutely necessary to disinfect, although disinfection is to be recommended, a building from which the roof has been taken off and every portion of the floor exposed to the sun; nor is it necessary to remove every one suffering from the disease from a well ventilated building to an hospital. A discretion can safely and wisely be exercised.

Not necessary to remove every patient to an Hospital. A discretion may be exercised.

729. To the future of Bombay the prevention of the importation of fresh cases is of the highest importance. I therefore urged on the Plague Committee that so long as a case occurs in any place in direct communication with Bombay, not one measure to check the propagation of the disease can be relaxed with safety. If the interests of the city are not to be neglected, if the interests of all in communication with Bombay are not to be disregarded, not one measure, I maintained, ought to be abandoned nor one precaution relaxed. I contend that the measures depend not on the number of cases but on a case either within or without Bombay.

The future—My advice to the Plague Committee. I protested against relaxation of precaution.

730. The question may be asked why the removal of the sick to hospital, after the formation of the Plague Committee, was not resisted and why it proceeded so easily.

The reason why the operations of the Plague Committee proceeded easily? The epidemic was over.

731. To anyone acquainted with this city at the time the explanation of the easy progress in the operations for the removal of the sick is as evident as it is natural.

732. The virulence of the epidemic had been declining since the end of January, the mortality had been decreasing week after week, and the people believed that the epidemic was over and had passed away beyond Bombay.

733. The masses of the people were as certain in March that the epidemic had passed away as they had been in February, when all real cause for panic had passed away, that the epidemic was only commencing and that the disease would kill most of the people and ruin the city.

734. Many of the people thought and think still, as people in other countries besides India believe, that disease comes and goes as an evil guest and that it is to be sped on its way.

735. Believing that the epidemic as an evil influence had departed, the dread of the pest had passed off and the people had become cheerful.

736. At last they knew that Bombay had been saved.

Bombay saved.

737. Many looked on the inspection of buildings as an amusement, in which they took a part as spectators.

Few cases.

738. The disease had spread beyond the most crowded localities to the suburbs, the sick in each locality were few, and the removal of a few people from places at some distance apart scarcely agitated the population, when each one confidently hoped to escape the contagion.

739. As in the beginning the mortality had been exaggerated in the popular imagination, so now the loss of life from the pestilence was lightly estimated.

In 1896 far different.

740. It was far different in 1896; then the disease was concentrated in the most crowded houses of the most densely populated portions of the city, and in each street there was mourning and grief. The cases were close together, and, being close together, they appeared more numerous than they were. The people were as gloomy in October, as they had been cheerful in the beginning of April.

741. There was also a feeling that the measures of the Plague Committee were intended not to assure Bombay against plague, but against other disasters even more apprehended at that stage than pestilence.

Operations of the Plague Committee when commenced.

742. It was fortunate that the operations of the Plague Committee were not commenced before the end of March, when the people were returning to the City full of life and cheerfulness.

People cheerful.

743. There was a desire to help and a cheerful feeling amongst the people now full of hope for the future of the city; and the populace, having recovered from apprehensions of the epidemic, had a wish to restore Bombay to health and prosperity, and to regain the confidence of the world.

744. There was also another powerful influence animating the people. They had seen the epidemic spread to the cleanest parts of the Island, and in some of these favoured localities destroy more people than in the most densely populated parts of the city. They had seen the disease carried beyond Bombay, and they were now assured in their minds that the epidemic had not been caused by insanitary conditions within the Island, conditions that would always surround them, and from which they could not with the city hope to escape. The epidemic had come as a storm-wave and was passing away.

754. It was not the guard of soldiers that prevented disturbances.

London and Bombay.

746. The description that DeFoe gives of the joy of the people of London, as they were delivered from the pestilence may be recalled as there is much in it that pictures the feelings of the people in this city as the disease passed away and the city recovered in health and prosperity.

"But it was all to no purpose; the audacious creatures were so pos-
"sessed with the first joy, and so surprised with the satisfaction of seeing
"a vast decrease in the weekly bills that they were impenetrable by
"any new terrors, and would not be persuaded, but that the bitterness of
"death was passed; and it was to no more purpose to talk to them than to
"an East wind; but they opened shops, went about streets, did business,
"and conversed with anybody that came in their way to converse with,
"whether with business or without; neither inquiring of their health,
"or so much as being apprehensive of any danger from them, though
"they knew them not to be sound."

Success of measures of the Plague Committee due to the large staff of medical men and Sub-Inspectors trained in the Health Department and already on duty and battling with the disease.

747. The success of the direct operations of the Plague Committee, in the inspection of buildings, and the removal of the sick, was entirely due to the large staff of medical men and Sub-Inspectors already trained and accustomed to the same duty in the Health Department and to do battle with the disease.

748. Had I not trained and had ready in the Health Department a number of medical men and Sub-Inspectors, soldiers must, as in Poona, have been employed for the inspection and disinfection of houses. The large number of troops employed by the Plague Committee to assist in the work of inspection long after the crisis had passed (for the Plague Committee really began outdoor work after the 17th March, when house-to-house inspection was organized with the support of troops) was a proof of the difficulty of carrying out segregation by the Municipality, unsupported by troops, before and during the crisis.

Reduction of Establishment. I differed from the policy of the Plague Committee.

749. I differed totally from the policy of reducing the establishment pursued by the Plague Committee after May. I think the policy was wrong and I protested against it. My views are shown in the following extracts from letters. I wrote on this subject on the 19th May 1897:—

"There is a most grave responsibility, remembering the impossibility
"of obtaining a sufficient staff when the epidemic commenced, in
"reducing any establishment.

"The loss to the commerce of the city caused through the epidemic
"cannot be forgotten—a loss estimated at one time as amounting to 12
"lakhs a day. There is also another view that men who have most
"gallantly and unselfishly risked their lives ought not to be discarded
"and their services forgotten as though they had not rendered invalu-
"able services in the time that has so recently passed. It is most
"demoralising, such treatment to a public service, for no man can be
"expected to risk his life if the moment the emergency has passed he
"knows that he will be cast aside and all that he has done forgotten. At
"any rate the fullest publicity ought to be given to the fact, if a reduc-
"tion of establishment is effected, so that all in communication with this
"City may know what is being done and may be able to form an

"opinion as to how far commerce can safely take place with Bombay, "while the areas around and in communication in Bombay are in- "fected, and while measures in Bombay are being relaxed."

Protest.

750. On the 15th June 1897, I wrote :—

"It appears to me there will be a very serious responsibility in the "closing of hospitals and the dispersion of an experienced staff, which "was collected with very great difficulty after some months, should "there be a recrudescence of the disease. I assume that the action of "the Plague Committee is the result of responsible medical advice, "and I venture to think that this advice should be submitted to us.

"The position is this, and I can see no way to explain it away "if the staff is not necessary now it was not necessary two months ago. "There are cases now. If a case was considered a danger two "months ago it is equally a danger now.

"As far back as the middle of January 1897, I wrote a note "which was printed in the *Government Gazette* that the epidemic "had reached its maximum and would progressively decline. This "decline has occurred. I accepted the policy that each indivi- "dual case was a danger, and to carry out that policy a large "establishment was employed. There are now cases and each case is as "much a danger now as it was then.

If the measures of the Plague Committee were necessary in the beginning they were necessary up to the end.

"If an establishment was necessary two months ago, I think it will "be held by all responsible authority that it is necessary now. If "it is not necessary now it was not necessary two months ago. No "authority will admit that the number of cases makes any difference "in the measures to be taken and the organisation to be kept in readiness."

The work of Health Department the only business not interrupted.

751. The work of the Health Department was almost the only business in the City not interrupted during the weeks of panic. The duties were performed with the regularity of an ordinary year and in promptitude of work with even more than the usual readiness.

Great service rendered by the Medical Officers.

752. Dr. Dallas and Dr. Ranina can never forget the early days we spent together in Mandvi. In the office of Dr. Dallas a small dispensary was opened. We often met at night on the Masjid Bridge and walking through the streets, deserted by all but mourners, entered the houses, in front of which fires were burning, to inquire whether any more had been stricken. The Deputy Health Officers and the Special Medical Officers deserve well of the City; they performed their duties admirably, whether in the treatment of buildings or in the removal of the sick. The performance of their duties required judgment and often courage. They were nearly as much abused or molested as the Inspectors and Sub-Inspectors when they commenced to take a part in the removal of the sick and the treatment

of buildings. I beg leave to bring to your favourable notice the services rendered by the Medical Officers. Two of the Deputy Health Officers, Dr. Sorab Cavasji Hormusji and Dr. K. B. Shroff, had already acquired practical experience in sanitation in other cities in India. On the 1st of March the following Medical Officers were on duty :—

Sorab Cavasji Hormusji.	D. Ross.
K. A. Dodihalkar.	R. W. Pettigrew.
K. B. Shroff.	C. H. Twells.
L. G. Godinho.	Bhikabhai Haribhai.
Alexander Britto.	Pandrinath Bhawanras.
M. H. Bhatavdekar.	Purbhuram Tuljaram.
R. N. Ranina.	Rajaram Shivram.
H. C. Malegamwalla.	Keshavlal Motilal.
McCabe Dallas.	Chaturbhai Govindlal.
Dosabhoy R. Bardi.	Hari Narayen Mahajan
K. M. Gimi.	Chunilal Chotalal.
S. B. Jathar.	Punjabhai Thakersy.
M. N. Kapadia.	Khan Bahadur Yousif David.
A. P. Dantes	Khan Saheb Shaik Kadir.
R. J. Kapadia.	Rajah Khan.
V. D. Merchant.	Gopinath Yeshwant.
S. M. Mehta.	

Good work done by the Inspectors—Deaths of Inspectors and Sub-Inspectors.

753. The Inspectors and Sub-Inspectors of the Health Department behaved magnificently. I believe I am only expressing the general opinion when I write so. They had duties at all times of an unpleasant, and sometimes even of a loathsome nature, and often of great danger to perform, but they never shirked them. They had often to carry the sick or lift the dead, but they never hesitated to do it. The Senior Inspector, Mr. Glover, nobly doing his duty, died in January from bubonic plague. Two others of the Inspectors suffered from the disease and five Sub-Inspectors were affected, of whom two died.

754. I have in a previous portion of the report referred to the gratifying statement that conservancy work was not interrupted. Few men deserted. At times as I have already written, there was a movement amongst the scavengers and hallalkhores to leave, but fortunately for the City the movement was frustrated by the measures adopted. Let it however be placed on record that few men or women in the Department deserted.

755. I append a list showing the names of the Assistant Surgeons and Hospital Assistants whose services were lent to the Municipality by Government.

756. The Assistant Surgeons were placed in charge of districts, some of them being very large, and the Hospital Assistants were utilized for duty in the City and at the hospitals and cemeteries and for general duty in the supervision of sanitary measures.

757. These officers have all given most willing help, and I regret that Government found it necessary owing to the demands on the medical service in connection with plague, famine and military duty to recall a number.

758. The training and experience the Medical Officers gained here suggested to Government the utilization of the services of several of the Assistant Surgeons as special Plague Officers in charge of towns or district in various places outside Bombay, and I venture to bring the names of all the Assistant Surgeons and Hospital Assistants to your favorable notice.

	ASSISTANT SURGEONS.	REMARKS.
1.	Dr. R. J. Kapadia	**Withdrawn by Government**
2.	„ N. D. Merchant	
3.	„ S. M. Mehta	
4.	„ R. J. Pettigara	
5.	„ D. Ross	
6.	„ R. W. Pettigrew	
7.	„ C. H. Twells	**Withdrawn by Government.**

	HOSPITAL ASSISTANTS.	
1.	Hari Narayan Mahajan	**Withdrawn by Government.**
2.	Bhikabhai Haribhai	
3.	Parbhuram Tuljaram	
4.	Rajaram Shivram	**Withdrawn by Government.**
5.	Cooverji Rustamji Avari	
6.	Keshavlal Motilal	
7.	Pandharinath Bhawanrao... ...	At the Arthur Road Hospital.
8.	Chunilal Chhotalal...	
9.	Chaturbhai Govindbhai	
10.	V. Appadorai Kaikar	**Withdrawn by Government.**
11.	Punjabhai Thakersy	
12.	Khan Bahadur Yousif David ...	
13.	Khan Saheb Shaik Kadir	(Works under Plague Committee).
14.	Shaik Rajakhan	**Withdrawn by Government.**
15.	Gopinath Yeshwant	
16.	Manicklal Manoredas	

Return of Staff employed in the Health Department on the 31st March 1897.

Sections.		Deputy Health Officers.	Medical Officers.	Inspectors.	European Sub-Inspectors.	Native Sub-Inspectors.	Muster Clerks.	Mucadams and Patels.	Stables Mucadams.	Registration Kuons.	Seg. Establishment. Cart-drivers.	Men.	Women.	Drain Cleaning Estt. Cart-drivers.	Men.	Women.	Halalcores Establishment. Trip Markers.	Mucadams.	Halalcores Men and Women.	Cesspool Cart-drivers.	Flushing Engine Staff. Sub-inspectors.	Mucadams.	Drivers.	Men.	Hearse Drivers.	Grave Diggers.
A	Upper Colaba	..	..	..	1	1	..	1	..	1	10	13	9	..	..	..	..	1	17	..	..	..	..	..	..	..	..
	Middle & Lower Colaba	..	1	..	..	3	..	1	..	..	9	13	8	4	8	4	..	2	37	19	..	..	..	..	..	..	..
	Fort, Southern	..	..	1	1	2	2	4	1	1	15	36	17	17	38	14	..	3	58	..	..	..	..	..	..	..	..
	Fort, Northern	..	1	..	..	3	..	7	..	1	36	62	30	11	..	..	..	5	50	..	..	..	..	20	..	..	..
	Esplanade	..	..	..	..	2	..	4	..	1	13	30	11	4	..	..	..	2	29	..	..	..	..	..	..	..	..
B	Mandvi	..	1	1	1	7	3	7	2	2	56	96	35	15	21	17	1	4	65	..	..	..	..	..	13	..	..
	Chuckla	..	1	..	1	2	..	5	..	2	17	54	23	10	10	5	..	2	48	..	..	..	..	..	..	..	..
	Umarkhadi	1	3	..	1	6	..	9	..	3	19	75	36	14	27	14	..	4	48	1	..	..	..	20	..	..	..
	Dongri	..	1	..	2	3	..	5	..	2	10	57	22	7	16	8	1	2	62	1	..	..	..	..	..	..	..
C	Market	..	1	..	2	2	..	9	..	2	22	38	27	12	15	7	..	3	37	..	..	..	..	..	..	..	..
	Dhobi Talao	..	..	..	2	4	..	4	..	2	18	37	21	11	17	16	..	3	68	..	..	..	..	..	..	..	..
	Fanaswadi	1	1	1	1	3	1	3	2	1	12	96	11	8	16	10	..	2	49	1	..	..	..	20	..	..	..
	Bhuleshwar	..	..	..	2	2	..	3	..	2	16	38	23	12	21	13	..	3	64	..	..	..	..	..	..	..	..
	Khara Talao	..	..	..	2	2	..	4	..	2	10	19	17	6	12	5	..	2	38	..	..	..	..	..	..	..	..
	Kumbharwada	..	..	..	1	2	..	4	..	2	7	17	12	6	13	6	..	2	36	..	..	..	..	..	..	..	..
D	Khetwadi	1	1	1	1	2	2	6	1	1	15	39	17	5	6	5	..	5	64	1	..	..	..	20	..	..	..
	Girgaum	..	..	..	1	3	..	4	..	1	10	30	12	4	3	2	4	4	52	..	..	..	..	..	..	..	..
	Chaupati	..	1	..	1	2	..	4	..	1	5	15	6	2	4	3	..	2	25	2	..	..	..	..	..	..	..
	Walkeshwar	..	..	..	2	2	..	6	..	1	15	21	12	1	3	2	..	3	21	..	..	..	..	..	..	..	..
	Mahalakshmi	..	..	..	1	4	..	7	..	..	9	27	11	3	5	4	..	3	37	18	..	..	..	..	..	..	..
E	Mazagon	1	2	..	2	4	..	5	..	2	10	70	21	8	11	10	1	4	37	24	..	..	..	..	..	..	..
	Tarwadi		1	..	2	4	..	4	..	1	11	52	20	7	7	7	1	4	55	10	..	..	..	..	..	..	..
	2nd Nagpada	..	2	..	1	3	..	2	..	1	9	32	15	4	11	6	..	2	33	..	..	..	..	..	..	..	..
	Kamathipura	1	3	1	1	3	2	5	2	1	16	64	44	6	5	5	1	3	47	..	1	1	..	22	..	..	..
	Tardeo	..	..	..	1	3	..	3	..	1	9	25	17	4	3	3	..	2	40	3	..	..	..	..	..	..	..
	Byculla	..	1	1	3	7	1	10	..	1	14	37	48	6	10	7	1	3	32	2	..	1	1	20	..	..	..
	1st Nagpada	..	..	..	1	3	..	2	..	..	4	18	10	3	7	4	..	2	22	..	..	..	..	..	..	..	..
F	Parel	..	1	1	1	4	1	6	1	1	10	25	10	4	8	6	1	4	39	10	..	..	..	..	..	..	..
	Sewri	..	..	..	..	3	..	3	..	..	7	23	10	3	6	6	..	2	44	6	..	..	..	..	..	..	..
	Sion	..	..	..	..	5	..	3	..	1	4	23	10	3	5	4	..	2	55	8	..	..	..	..	..	..	..
G	Mahim	..	1	..	..	7	1	6	1	1	11	56	24	4	9	9	..	5	90	11	..	..	..	..	..	..	..
	Worli	..	..	..	..	2	1	1	..	1	5	26	9	3	8	4	..	2	54	4	..	..	..	..	..	19	..
	General	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total	..	5	23	7	86	105	14	151	10	39	484	1,314	605	207	325	206	11	95	1,773	121	1	2	1	122	13	19

BUBONIC PLAGUE.

BOMBAY

REGISTRATION SECTIONS

1896.

Attacks 2544

Deaths 1936

Per cent.

Proportion of Deaths to attacks ... 76·02

Per thousand.

Death-rate amongst Males ... ... 2·6

Death-rate amongst Females ... ... 1·8

The fractional figures in red show the date of the 1st attack in each Section, the numerator showing the day and the denominator the month.

The figures in black show the death-rate from Bubonic Plague per 1000.

Sections.	Highest Death-rate from all causes since Sept. 1896.	During week ending.
Upper Colaba	47·98	15th Dec. 1896.
Middle Colaba	114·32	29th Do.
Fort South	26·32	15th Do.
Fort North	106·06	29th Do.
Esplanade	36·16	22nd Do.
Mandvee	193·20	6th Oct. 1896.
Cluckla	142·12	15th Dec. 1896.
Oomerkhadee	139·82	29th Do.
Dongree	116·63	15th Do.
Market	87·14	29th Do.
Dhobee Talao	156·68	29th Do.
Phunuswaree	71·29	22nd Do.
Bhoolehwar	136·99	29th Do.
Khara Talao	201·96	29th Do.
Coombarwada	189·61	29th Do.
Khetwady	88·42	29th Do.
Girgaum	119·41	29th Do.
Chowpatty	91·30	15th Do.
Walkeshwar	40·63	29th Do.
Mahalxmee	33·61	22nd Do.
Mazagon	151·48	29th Do.
Tarwaree	59·71	22nd Do.
2nd Nagpada	218·88	29th Do.
Kamathipura	304·48	29th Do.
Tardeo	128·76	29th Do.
Byculla	122·86	29th Do.
1st Nagpada	154·13	22nd Do.
Parell	97·70	29th Do.
Sewree	154·37	29th Do.
Sion	42·44	15th Dec. 1896.
Mahim	87·11	29th Do.
Worlee	104·02	29th Do.

Scale 3000 Feet to one Inch.

B. City Press

TABLE SHOWING THE NUMBER OF PREMISES THE DOWN-TAKE PIPES OF WHICH WERE REMOVED, CLEANED, DISINFECTED, AND RE-FIXED, NEW ONES BEING SUBSTITUTED WHEN NECESSARY BY THE DRAINAGE DEPARTMENT.

Locality.	Number of Premises.
Mandvi	112
Lalwadi	8
Modi Street	10
Kalachowki	26
Hospitals	5
Treating down-take pipes in various parts of the City ...	296
Re-modelling the sanitary arrangements in various localities.	11
	468

759. The mortality from the diseases of the Dygestive System is 614 more than in the last year and 632 more than the average of the last five years. Of the death from diseases of the Digestive System 1,613 were ascribed to Diarrhœa, being 425 more than in the last year and 381 more than the average; and 737 were referred to Dysentery, being 112 more than in the last year and 133 more than the average To all other diseases of the Digestive System 755 deaths were ascribed, being 77 more than in the last year and 118 more than the average.

760. 5,334 deaths were registered from diseases of the respiratory system, being 769 more than in the last year, and 638 more than the average. Of the deaths from diseases of the respiratory system, 3,021 were referred to bronchitis being 389 more than in the last year, and 127 more than the average. 1,590 were referred to pneumonia, being 236 more than in the last year, 424 more than the average.

761. From diseases of the Nervous System 2,272 deaths were registered, being 228 more than in the last year and 11 more than the average.

762. To diseases of the Circulatory System 177 deaths were referred, being 7 less than in the last year and 5 more than the average.

763. There were 84 deaths from diseases of the Urinary System, being 9 less than in the last year and 4 more than the average.

764. From diseases of the Generative System 370 deaths were registered, being 126 more than in the last year and 122 more than the average.

765. To diseases of the Organs of Locomotion and Cellular Tissue 128 deaths were ascribed, being 33 more than in the last year and 43 more than the average.

766. From Affections of the Cutaneous System 27 deaths were registered, being 6 less than in the last year and 3 less than the average.

767. To the general affection—Dropsy—102 deaths were due, being 12 less than in the last year and 31 more than the average.

768. From Leprosy 54 deaths were registered, being 12 more than in the last year and 5 less than the average.

769. From Whooping Cough 174 deaths were registered, being 98 less than in the last year and 2 more than the average.

770. To Old Age and Debility 2,764 deaths were ascribed, being 328 more than in the last year and 475 more than the average.

771. The number of Premature Births is 31, being 9 less than in the last year.

772. 487 deaths were registered from Accidents and Violence, being 1 less than in the last year and 69 more than the average.

773. 77 deaths were referred to Poisoning, being 10 more than in the last year and 20 more than the average. Of the deaths from poisoning 39 were reported to have been accidental, 37 suicidal and 1 homicidal.

774. 106 were due to Drowning, being 8 more than the last year and 10 more than the average.

The deaths from Drowning are classified as under :—

Accidental	35
Suicidal	53
Unknown	18
	106

775. The cases of suicide through Drowning were reported to have occurred under the following circumstances:—

1.	By Jumping into a	tank...		11
2.	Do.	do. pond...		1
3.	Do.	do. well		38
4.	Do.	do. sea		3
				53

776. At the Burying and Burning Grounds of the City 20,824 bodies were buried, 12,807 burnt, and 1,418 conveyed to the Towers of Silence.

777. 15,890 living and 1,598 still-born births were registered, being 206 more than in the last year. Of the living births, 8,267 were males and 7,623 females. The proportion of males to females by the census of 1891 was as 170·60 to 100, and assuming that there were 100 females to 100 males, the birth-rate would be equal to 32·97 per 1,000 of population. This is the largest number of births registered since 1889.

TABLE SHOWING THE NUMBER OF BIRTHS AND THE BIRTH-RATE IN EACH SECTION IN 1896.

Wards.	Sections.	Population by Census of 1891.	Number of Births.	Birth-rate per 1,000 of Population.
A	Colaba ... Upper	4,335	85	19·60
	Colaba ... Middle and Lower	13,622	232	17·03
	Fort ..... Southern	3,951	4	1·01
	Fort ..... Northern	32,847	737	22·43
	Esplanade	10,064	103	10·23
B	Mandvi	37,295	557	14·93
	Chukla	32,197	722	22·42
	Umarkhadi	52,466	949	18·08
	Dongri ...	30,317	496	16·36
C	Market	44,751	647	14·45
	Dhobi Talao	39,945	839	21·00
	Fanaswadi	24,069	400	16·61
	Bhuleshwar	38,563	537	13·92
	Khara Talao	27,035	584	21·60
	Kumbharwada	32,209	703	21·82
D	Khetwadi	28,814	668	23·18
	Girgaum	26,999	532	19·70
	Chaupati	11,512	252	21·89
	Walkeshwar	12,990	222	17·09
	Mahalakshmi	17,014	329	19·33
E	Mazagon	33,640	567	16·85
	Tarwadi	21,298	381	17·88
	2nd Nagpada	18,768	433	23·07
	Kamathipura	29,203	692	23·69
	Tardeo	18,980	431	22·70
	Byculla	47,403	1005	21·20
	1st Nagpada	11,133	160	14·37
F	Parel	28,740	638	22·19
	Sewri	6,063	122	20·12
	Sion	19,601	490	24·99
G	Mahim	18,505	636	34·36
	Worli	25,493	545	21·37
Water Division		22,142	2	·09
Non-resident and unknown		...	190	...
	Total	821,764	15,890	19·33

778. The birth-rate by class indicates that the birth-rate in classes having a fair proportion of females is nearly correct. For instance, amongst Hindu Low-caste, having a proportion of 74 females to 100 males, the birth-rate was equal to 32·61 ; Jews with 93 females to 100 males had even a higher birth-rate of 34·45. A small community like Negro-Africans is liable to fluctuation, and it will be observed that there were 9 births equal to a birth-rate of 61·64.

TABLE SHOWING THE NUMBER OF BIRTHS AND THE BIRTH-RATE IN EACH CLASS DURING 1896.

Classes.	Population by Census of 1891.	Number of Births.	Birth-rate per 1,000 of Population.
Jains	25,225	391	15·50
Brahmins	37,982	349	9·18
Lingaets	784	16	20·40
Bhatias	7,891	114	14·44
Hindus of other castes	451,465	7,557	16·73
Do. low-caste	45,169	1,473	32·61
Mussalman	155,101	3,520	22·69
Parsees	47,458	1,387	29·22
Jews	5,021	173	34·45
Native Christians	29,712	608	20·46
Eurasians	4,330	99	22·86
Europeans	11,290	191	16·91
Negro-Africans	146	9	61·64
Buddhists	190	2	10·52
Other and unknown castes	.....	1	.....
Total	821,764	15,890	19·33

TABLE SHOWING THE NUMBER OF BIRTHS REGISTERED IN THE CITY OF BOMBAY IN EACH YEAR FROM 1866 TO 1896.

	1866		1867		1868		1869		1870		1871		1872		1873		1874		1875		1876		1877		1878		1879		1880		1881		1882		1883		1884		1885		1886		1887		1888		1889		1890		1891		1892		1893		1894		1895		1896	
	5,201		5,116		5,544		6,485		3,149		6,737		12,185		12,725		12,836		13,381		13,026		13,885		14,028		14,559		17,247		16,583		16,366		16,182		14,637		14,964		14,909		15,420		16,760		15,492		15,868		15,818		15,486		15,218		15,088		16,864		15,290	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Hindus	2163	1710	1539	1377	1046	848	1021	829	763	680	1891	1762	4474	4015	4412	4157	4438	4206	4650	4468	4697	4442	4721	4220	4745	4458	5148	4871	6212	5212	5736	5212	5049	4678	5026	4852	4871	4661	4904	4557	4950	4562	5086	4767	5531	5116	5057	4889	5114	4806	5063	4771	5139	4950	4987	4790	4998	4908	5220	4876	5134	4765
Mussalman	747	531	496	463	452	428	644	448	383	256	923	676	1328	1227	1230	1024	1220	1152	1256	1187	1373	1250	1512	1363	1642	1392	1478	1382	1899	1549	1806	1605	1716	1543	1741	1539	1673	1502	1687	1581	1762	1543	1758	1626	1930	1765	1884	1709	1978	1705	1747	1642	1713	1566	1646	1443	1675	1506	1686	1471	1842	1678
Parsees	276	231	433	414	271	204	187	169	207	147	262	263	659	575	640	553	568	549	690	553	618	580	630	535	601	528	636	540	768	643	654	671	746	720	701	672	647	650	699	683	702	617	670	645	733	703	675	694	720	679	667	671	663	618	720	648	669	660	722	690	733	654
Christians	130	97	159	178	148	116	130	113	106	132	199	174	389	312	324	295	332	278	322	260	302	296	298	335	314	289	321	304	460	290	422	416	402	426	380	369	380	341	409	362	350	384	382	353	359	337	411	388	390	383	424	386	357	392	467	399	436	443
Negro-Africans.	6	4	6	3	1	1	..	1	2	3	5	3	12	9	16	10	4	..	9	1	4	7	1	3	6	6	2	4	5	2	6	7	3	3	1	1	3	3	9	7	7	9	5	6	9	8	8	11	8	8	1	5	9	6	8	6	3	8	5	4	5	4
Jews	4	4	6	9	20	9	28	14	10	10	12	21	32	32	24	28	36	29	..	26	23	32	..	..	33	24	40	29	42	42	48	50	30	48	31	47	35	..	53	51	64	44	72	55	51	71	74	61	74	72	75	68	58	67	79	57	90	74	76	82	97	78
Buddhists	1	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	..	1	1	1	..	..	2	..	..	1	..	1	1	..	1	1	..	..	1	1	2	..	..	1	2	2	2	2	1	2	..	1	1	..	1	2	1	2	1	2
Unknown	..	..	1	1	..	..	2	1	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	1	..	2	1	1	1	3	1	..	..	1	1	1	1	1	1	1	1	..	..	..	2	..	..	..	..	..	1	..	..	..	1	..	1	..	1
Total ..	3326	2578	2671	2444	1938	1606	2012	1576	1735	1403	2892	2705	6894	6241	6653	6067	6608	6277	6894	6497	7020	6606	7195	6	7329	6699	7736	6823	9288	7888	9575	7963	7945	7291	7902	7280	7634	7070	7782	7202	7772	7137	7992	7437	8662	8091	8064	7629	7965	7601	7964	7554	8045	7440	7875	7543	7825	7330	8186	7634	8257	7623

779. The total ordinary expenditure on the Health Department came to Rs. 12,53,294-12-6, while the income amounted to Rs. 7,84,830-6-0. The actual cost of the Health Department to the Municipality was therefore Rs. 4,68,464-6-6. In addition to this an extraordinary expenditure, which amounted to Rs. 2,18,239-7-8, was incurred during the latter portion of the year, by the Health Department on account of special sanitary measures to deal with the outbreak of Bubonic Plague.

780. On an average, 4436·7 men and women, and 1027·6 scavengering and drain carts and 204·36 night soil and cesspool carts were at work.

781. The collection of garbage or kutchra is more than in the previous year by 10·64 tons per day; 3,26,552·20 tons of garbage, equal to 892·22 tons a day, were collected and removed and disposed of against 3,22,656·69 tons in 1895.

TABLE SHOWING THE NUMBER OF CART-LOADS OF KUTCHRA BURNT AT THE GARLICK INCINERATOR IN 1896.

1896.	Number of Days at work.	Number of Cart-loads of Kutchra burnt.	REMARKS.
January	26	2,535	
February	15	1,429	
March	23	2,859	
April	27	3,105	
May	27	2,767	
June	25	1,972	
July	26	1,741	
August	28	1,497	
September...	28	3,030	
October	28	3,206	
November	25	2,928	
December	31	3,685	
Total ...	309	30,754	
Crawford Market refuse ...	...	1,645	
Grand Total ...	309	32,399	

782. 1,60,670·30 tons of night-soil, equal to 438·99 tons a day, were collected and removed against 1,49,670·62 in 1895.

783. 191·6 miles of covered drains were opened and cleaned against 179·6 in 1895.

784. 5,507 notices and 2,650 summonses were issued against 3,925 notices and 2,206 summonses in 1895.

785. The amount of fines recovered amounted to Rs. 2,287 against Rs. 1,979 in 1885.

786. 1,028 building plans were received and disposed of against 1,036 in 1895.

787. For the use of the public Dhobiwada Rs. 16,985 were recovered against Rs. 16,986 in 1895.

788. In the table following will be found a record of the most important work done during the year 1896. Under the careful direction of the Assistant Health Officer, the work of the department proceeded with the utmost regularity and completeness :—

1895.	Details.	1896.
Rs. 7,69,879 10 11	Total Income of the Health Department	Rs. 7,84,830 6 0
„ 12,01,347 6 0	Total ordinary expenditure on different heads.	„ 12,53,294 12 6
„ 4,31,467 11 1	Cost of the Health Department to the Municipality.	„ 4,68,464 6 6
.....	Expenditure incurred by the Health Department on account of special sanitary measures in connection with the outbreak of Bubonic Fever.	„ 2,18,239 7 8
No. 4,419·4	Average number of men and women daily at work.	No. 4,436·7
„ 1,092·1	Average daily working strength, carts, scavengering and drain-cleaning.	„ 1,027·6
„ 205	Average night-soil, and Cess-pools carts	„ 204·36
„ 42,967	Letters registered, outward	„ 47,710
„ 14,305	Do. inward	„ 17,697
„ 3,925	Notices issued	„ 5,507
„ 2,206	Summonses issued.....	„ 2,650
Rs. 1,979 0 0	Amount of fines inflicted by Magistrates	Rs. 2,287 0 0
Tons 322,656·69	Total weight of garbage collected	Tons 326,552·20
„ 883·99	Average tons per day	„ 892·22
„ 149,670·62	Night-soil and cess-pool matter collected.....	„ 160,670·80
„ 410·05	Average tons per day	„ 438·99
Miles 179·0	Miles of covered drains opened and cleaned ...	Miles 191·6
Rs. 6,317 8 0	Amount received for sending carcasses to Coorla.	Rs. 7,002 4 0
No. 11,391	Total animals sent to Coorla	No. 13,659
„ 6,093	Total number of graves	„ 7,717
Rs. 3,359 4 0	Amount received for digging graves	Rs. 3,564 6 0
„ 16,986 0 0	Amount of Dhobiwada fees	„ 16,985 0 0
No. 1036	Building plans received and disposed of	No. 1,028
„ 619	Number of cremations at the Haines Road Cemetery.	„ 881

T. S. WEIR,

Health Officer.

HEALTH DEPARTMENT,

BOMBAY, 27*th September* 1897.

No. 1.

TABLE showing the Population and the Number of Birth and the Birth-rate by Sex and by Sections in the year 1896.

SECTIONS.	POPULATION.					BIRTHS.					
	Persons.	Males.	Females.	Number of Persons under one year.	Number of Persons of one year and under 4 years.	Number of Births born alive during the year.	Males.	Females.	Birth-rate per 1,000 of population.	Number of Males to every 100 female Births.	Number of Stillborn.
A Colaba .. Upper ..	4,335	2,155	1,180	18	25	85	46	39	19·60	117·94	7
A Colaba .. Middle / Lower	13,622	8,759	4,863	100	143	232	126	106	17·03	118·86	17
A Fort, Southern	3,951	3,064	887	1	2	4	2	2	1·01	100·00	....
A Fort Northern	32,847	19,340	13,507	230	341	737	382	355	22·43	107·60	49
A Esplanade	10,064	7,145	2,919	37	51	103	54	49	10·23	110·20	13
B Mandvi	37,295	22,981	14,314	471	617	557	272	285	14·93	95·43	79
B Chuckla	32,197	19,633	12,564	338	502	722	387	335	22·42	115·52	77
B Umarkhadi	52,466	31,068	21,398	532	736	949	490	459	18·08	106·75	120
B Dongri	30,317	18,680	11,637	333	466	496	268	228	16·36	117·54	45
C Market	44,751	30,126	14,625	310	467	647	345	302	14·45	114·23	53
C Dhobi Talao	39,945	24,508	15,437	364	536	839	431	408	21·00	105·63	72
C Fanuswadi	24.069	15,420	8,649	165	216	400	201	199	16·61	101·00	33
C Bhuleshwar	38.363	25,101	13,262	281	412	537	271	266	13·92	101·87	50
C Khara Talao	27,035	16,660	10,375	336	479	584	307	277	21·60	110·83	64
C Kumbharwada	32,209	20,142	12,067	344	487	703	381	322	21·82	118·32	48
D Khetwadi	26,814	18,069	10,745	199	310	668	339	329	23·18	103·03	48
D Girgaum	26,999	16,806	10,193	269	387	532	264	268	19·70	98·50	61
D Chaupati	11,512	7,011	4,501	51	81	252	129	123	21·89	104·87	10
D Walkeshwar	12,990	8,203	4,787	56	77	222	116	106	17·09	109·43	21
D Mahalakshmi	17.014	10,734	6,280	61	97	329	168	161	19·33	104·34	23
E Mazagon	33.640	20,413	13,227	307	397	567	317	250	16·85	126·80	79
E Tarwadi	21,298	13,587	7,711	224	293	381	200	181	17·88	110·49	33
E 2nd Nagpada	18,768	10,962	7,806	258	360	433	247	186	23·07	132·79	57
E Kamathipura	29,203	16,742	12,461	302	452	692	353	339	23·69	104·12	80
E Tardeo	18,980	11,403	7,577	249	372	431	227	204	22·70	111·27	49
E Byculla	47,403	29,557	17,846	524	781	1,005	489	516	21·20	94·76	92
E 1st Nagapada	11,133	6,674	4,459	122	173	160	84	76	14·37	110·52	17
F Parel	28,740	18,008	10,732	200	311	638	349	289	22·19	120·76	52
F Seori	6,063	3,767	2,296	49	64	122	67	55	20·12	121·81	11
F Sion	19,601	11,983	7,618	118	198	490	244	246	24·99	91·72	41
G Mahim	18,505	10,838	7,667	134	200	636	326	310	34·36	105·16	30
G Worli	25,493	15,755	9,738	209	307	545	282	263	21·37	107·22	56
Water Division	22,142	21,799	343	2	2	2	2	....	·09	....	....
Non-Resident and Unknown ..	....	....	....	79	98	190	101	89	....	113·48	111
Total ..	8,21,764	5,18,093	3,03,671	7,273	10,495	15,890	8,267	7,623	19·33	108·44	1,598

No. 2.

TABLE showing the Number of Deaths and the Death-rate per 1,000 of Population by Sections in 1896.

	SECTIONS.	Persons.		Males.		Females.		Number of persons under one year.		Number of persons of one and under four years.	
		Number of Deaths.	Per 1,000 of Population.	Number of Deaths.	Per 1,000 of Population.	Number of Deaths.	Per 1,000 of Population.	Number of Deaths.	Per 1,000 of Population.	Number of Deaths.	Per 1,000 of Population.
A	Upper Colaba ...	111	25·60	6	17·53	35	8·07	18	123·28	25	72·25
	Mid. & Lower Colaba.	525	38·54	301	22·09	224	16·44	100	259·74	148	133·59
	Fort, Southern ...	21	5·31	15	3·79	6	1·51	1	12·98	2	11·42
	Fort, Northern ...	1,086	33·06	622	18·93	464	14·12	230	225·93	341	125·69
	Esplanade	184	18·28	111	11·02	73	7·52	37	143·96	51	72·13
B	Mandvi	1,945	52·15	1,059	28·39	886	23·75	471	417·18	617	206·01
	Chakla	1,540	47·83	824	25·59	716	22·23	338	293·65	502	172·56
	Umarkhadi	2,629	50·10	1,393	26·55	1,236	23·55	532	298·70	796	170·81
	Dongri	1,257	41·46	656	21·63	601	19·82	333	323·30	466	176·11
C	Market	1,400	31·28	798	17·83	602	13·45	310	251·82	467	150·64
	Dhobi Talao	1,694	42·40	903	22·60	791	19·80	364	289·34	536	165·84
	Fanaswadi	681	28·29	365	15·16	316	13·12	165	229·48	216	120·13
	Bhuleshwar	1,495	38·96	811	21·14	684	17·82	281	265·34	412	144·71
	Khara Talao	1,462	54·07	778	28·77	684	25·30	336	373·74	479	205·05
	Kumbharwada ...	1,524	47·31	841	26·11	683	21·20	344	353·54	487	199·26
D	Khetwadi	891	30·92	480	16·65	411	14·26	199	208·15	310	130·91
	Girgaum	1,183	43·81	627	23·22	556	20·59	269	310·98	387	180·25
	Chaupati	242	21·02	143	12·42	99	8·59	51	138·21	81	87·56
	Walkeshwar	249	19·16	151	11·62	98	7·54	56	123·62	77	69·93
	Mahalakshmi... ...	300	17·63	172	10·10	128	7·52	61	130·62	97	74·32
E	Mazagon	1,352	40·19	771	22·91	581	17·27	307	288·80	397	140·28
	Tarwadi	713	33·47	387	18·17	326	15·30	224	321·37	293	168·29
	2nd Nagpada ...	1,278	68·09	676	36·01	602	32·07	258	427·15	360	215·43
	Kamathipura ...	1,979	67·76	1,055	36·12	924	31·64	302	8·97	452	193·65
	Tardeo	925	48·73	530	27·92	395	20·81	249	389·67	372	209·10
	Byculla	2,182	46·03	1,161	24·49	1,021	21·53	524	359·64	781	196·52
	1st Nagpada	450	40·42	226	20·30	224	20·12	122	319·37	173	178·71
F	Parel	909	31·62	501	17·43	408	14·19	200	233·91	311	136·76
	Sewri	205	33·81	122	20·12	83	13·68	49	302·46	64	127·49
	Sion	521	26·58	254	12·95	267	13·62	118	153·84	193	93·87
G	Mahim	704	38·04	388	20·96	316	17·07	134	214·40	200	120·77
	Worli	959	37·61	511	20·04	448	17·57	209	247·33	307	143·39
	Water Division	92	4·15	89	4·01	3	·13	2	37·03	2	16·12
	Non-resident and unknown	763	...	553	...	210	...	79	...	98	...
	Total ...	33,451	40·71	18,350	22·33	15,101	18·38	7,273	287·57	10,495	159·33

No. 3.

TABLE showing the Number of Deaths and the Death-rate from some of the Principal Diseases by Sections in 1896.

Wards.	Sections	Deaths.		Cholera.		Small-pox.		Measles.		Fever.		Respiratory System.		Diarrhœa and Dysentery.		Injuries.		Bubonic Plague.		All other causes except still-born.	
		Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.
A	Upper Colaba	111	25·60	1	·23	..	..	..	..	11	2·53	13	2·99	31	7·15	2	·46	1	·23	52	11·99
	Middle and Lower Colaba ..	525	38·54	4	·29	7	·51	3	·22	176	12·92	55	4·03	30	2·20	7	·51	77	5·65	166	12·18
	Fort, Southern	21	5·31	1	·25	..	..	..	..	5	1·26	4	1·01	2	·50	..	..	2	·50	7	1·77
	,, Northern	1,036	33·06	7	·21	30	·91	5	·15	289	8·79	171	5·20	76	2·31	17	·51	46	1·40	445	13·54
	Esplanade	184	18·28	3	·29	7	·69	..	..	71	7·05	32	3·17	17	1·68	1	·09	1	·09	52	5·16
B	Mandvi	1,945	52·15	16	·42	35	·93	12	·32	542	15·60	254	6·81	81	2·17	11	·29	308	8·25	646	17·32
	Chukla	1,540	47·83	8	·24	21	·65	14	·43	374	11·61	339	10·52	53	1·64	12	·37	58	1·80	661	20·52
	Umarkhadi	2,629	50·10	16	·30	26	·49	14	·26	580	11·05	560	10·67	129	2·45	25	·47	84	1·60	1,195	22·77
	Dongri	1,257	41·46	35	1·15	30	·98	8	·26	404	13·32	176	5·80	91	3·00	9	·29	95	3·13	409	13·49
C	Market	1,400	31·28	20	·44	40	·89	11	·24	435	9·72	202	4·51	59	1·31	20	·44	87	1·94	526	11·75
	Dhobi Talao	1,694	42·40	39	·97	49	1·22	20	·50	435	10·88	221	5·53	120	3·00	22	·55	110	2·75	678	16·97
	Fanuswadi	681	28·29	10	·41	20	·83	9	·37	204	8·47	92	3·82	44	1·82	3	·12	32	1·32	267	11·09
	Bhuleshwar	1,495	38·36	10	·26	26	·67	6	·15	311	8·10	259	6·75	63	1·64	18	·46	68	1·77	734	19·13
	Khara Talao	1,462	54·07	5	·18	12	·44	14	·51	387	14·31	310	11·46	53	1·96	9	·33	51	1·88	621	22·97
	Kumbharwada	1,524	47·31	21	·65	35	1·08	6	·18	443	13·75	229	7·10	83	2·57	15	·46	83	2·57	609	18·90
	Khetwadi	891	30·92	7	·24	18	·62	4	·13	215	7·45	121	4·19	73	2·53	16	·55	48	1·66	389	13·50
D	Girgaum	1,183	43·81	32	1·18	34	1·25	7	·25	286	10·59	155	5·00	88	3·25	19	·70	42	1·55	540	20·00
	Chaupati	242	21·02	5	·43	4	·34	4	·34	76	6·60	37	3·21	18	1·56	..	..	7	·60	91	7·90
	Walkeswar	249	19·16	4	·30	1	·07	..	..	79	6·08	50	3·84	16	1·22	8	·61	5	·38	86	6·62
	Mahalakshmi	300	17·63	1	·05	9	·52	1	·05	85	4·99	40	2·35	31	1·82	2	·11	7	·41	124	7·28
	Mazagon	1,352	40·19	30	·89	20	·59	10	·29	477	14·17	138	4·10	73	2·17	28	·83	93	2·79	483	14·35
	Parwadi	713	33·47	17	·79	17	·79	3	·14	217	10·18	77	3·61	67	3·14	7	·32	20	·93	288	13·52
E	2nd Nagpada	1,278	68·09	10	·53	32	1·70	11	·58	245	13·05	218	11·61	73	3·88	13	·69	29	1·54	647	34·47
	Kamathipura	1,979	67·76	28	·95	15	·51	16	·54	468	16·02	318	10·88	145	4·96	22	·75	227	7·77	740	25·33
	Pardeo	925	48·73	16	·84	26	1·36	13	·68	235	12·38	143	7·53	89	4·68	9	·47	31	1·63	363	19·12
	Byculla	2,182	46·03	37	·78	65	1·37	21	·44	481	10·14	383	8·07	186	3·92	33	·69	88	1·85	888	18·73
	1st Nagpada	450	40·42	1	·08	22	1·97	11	·98	94	8·44	79	7·09	23	2·06	3	·26	27	2·42	190	17·06
	Parel	909	31·62	28	·97	25	·86	5	·17	304	10·57	125	4·34	74	2·57	14	·48	23	·80	311	10·82
F	Sewri	205	33·81	2	·32	5	·82	..	..	94	15·50	20	3·29	16	2·63	5	·82	13	2·14	50	8·24
	Sion	521	26·58	9	·45	9	·45	2	·10	173	8·82	117	5·96	94	4·79	7	·35	5	·25	105	5·35
G	Mahim	704	38·04	9	·48	7	·37	2	·10	198	10·69	183	9·88	109	5·89	21	1·13	12	·64	163	8·80
	Worli	959	37·61	25	·98	33	1·29	8	·31	267	10·47	176	6·90	133	5·21	9	·35	41	1·60	267	10·47
	Water Division	92	4·15	30	1·35	2	·09	..	..	28	1·26	4	·18	2	·09	6	·27	2	·09	18	·81
	Non-resident and unknown ..	763	..	8	..	19	..	1	..	47	..	53	..	103	..	94	..	113	..	325	..
	Total ..	33,451	40·71	490	·63	701	·85	241	·29	8,776	10·68	5,334	6·49	2,360	2·85	487	·60	1,936	2·35	13,186	15·98

Statement No. I.

TABLE showing Work performed by the Health Department during the Year 1896.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	
Carts emptied at Tardeo Flats and other places	48,989	45,039	48,312	48,383	49,317	46,120	4,386½	43,064	48,409	57,640½	53,538	57,361¾	590,035¾ Dept. / 20,546 Private.	610,581¾
Night-soil and cesspool carts emptied	14,192	13,789	14,856	14,438	15,067	14,598	14,745	14,767	14,412	14,765	14,241	14,857	174,727 Dept. / 9,682 Private.	184,409
Do. baskets emptied.....	125,590	120,893	132,153	127,880	134,574	130,148	131,449	132,073	127,972	132,414	127,772	132,328	1,555,246	
Covered drains opened and cleaned.....	94,680	80,918	91,743	86,349	83,516	83,748	86,468	85,893	86,162	82,014	72,081	77,892	1,011,464	
Houses visited and disinfected after cases of plague, cholera, smallpox, measles, fevers, diarrhœa, dysentery and other cases	1,636	1,671	1,989	1,956	1,642	1,488	1,751	1,892	1,745	1,594	2,108	4,107	23,579	

Statement No. II.

STATEMENT of SUMMONSES issued under Bombay Municipal Act III of 1888 during 1896.

	Section of Act.	Conviction	Dismissed.	Withdrawn, offences having ceased.	Total Summonses.	Amount of Fines.
						Rs. a. p.
For not making or providing drainage arrangements to buildings which have not sufficient means of effectual drainage...	232	1	...	...	1	.....
Do. providing water-closet, privy or urinal	248	47	...	11	58	105 0 0
Do. constructing do. do. for the use of work-people.	249	1	...	...	1	.....
Do. providing air space between privy and building or place used for human habitation, &c., &c.....	250	6	...	...	6	.....
Do. closing, removing, renewing, repairing, cleaning, covering, recovering, trapping, ventilating, paving, &c., drain, &c.	257	526	...	23	549	133 0 0
For altering the fixing, renewing, rebuilding, changing, stopping up, or destroying any drain, ventilating shaft, or pipe, &c., &c., without permission.....	258	9	...	2	11	80 0 0
For not providing water-supply to wash privies, gully traps, &c.....	271	2	...	...	2	5 0 0
For accumulating or allowing to accumulate dust, ashes, refuse, and rubbish or excrementitious or polluted matters on premises, &c., &c.	372	145	...	5	150	159 0 0
For requiring buildings to be limewashed or otherwise cleaned.....	375	1,537	...	58	1,595	1,356 0 0
For not cleansing, clearing or enclosing house or land.....	377	157	...	8	165	221 0 0
For buildings unfit for human habitation	378	8	...	...	8	.....
For not cleansing, clearing or enclosing pool, ditch, tank, pond, well, quarry-hole, low ground or stagnant water.....	381	7	3	...	10	.....
For keeping animals so as to be a nuisance or feeding animals with filth, &c.	384	88	...	5	93	228 0 0
For disinfecting building.....	425	1	...		1	.....
		2,535	3	112	2,650	2,287 0 0

There were 2,769 summonses issued, including repetitions, witnesses, &c,

Statement No. III.

STATEMENT showing the Number of NOTICES served under various Sections of Act III of 1888 during 1896.

Requirements of Section.	No. of Section.	Complied with.	Not complied with.	Pending.	Cancelled.	Total.
To make a drain emptying into a covered cesspool	232	.....	1	1	.....	2
To provide privy and urinal accommodation for the use of the tenants	248	1	25	15	3	44
To construct privy for the use of the work-people	249	.....	1	1	1	3
To shut out privy from public view	250	1	2	.....	.....	3
To clean, repair, &c., drains, privies, &c.	257	442	428	31	13	914
To provide water-supply	271	.....	1	1	.....	2
To limewash buildings	375	2,085	1,958	39	56	4,138
To cleanse, clear, or enclose premises	377	130	108	9	5	252
To clean, fill up, &c., wells, tanks, &c.	381	1	11	8	1	21
To discontinue the removal of sandstone	382	1	.....	.....	.....	1
To disinfect buildings	425 & 434	123	.....	.....	.....	123
To enter into or upon buildings or lands for inspection	488	1	.....	.....	.....	1
To provide proper washing places for animals	394 & 479 under clause 5 of condition of License.	.....	.....	3	.....	3
Total ...	.....	2,785	2,535	108	79	5,507

Statement No. IV.

Number of bullocks of the Health Department during 1896...		... 2,290
Died	309	388
Cast and sent to the Pinjrapole	79	
Number of animals on the 1st of January 1897		... 1,902

Number of horses of the Health Department during 1896	5
Died, &c.	0
Number of animals on the 1st of January 1897 ...	5

Percentage of loss among bullocks = 16·9.

STATEMENT showing the Causes of Death amongst the Bullocks of the Health Department during 1896.

Nos.	Disease.	Number of Deaths.
1	Old age and general debility	170
2	Diseases of lungs	50
3	Do. heart	5
4	Do. liver, spleen, and kidneys	30
5	Do. stomachs and intestines	9
6	Abdominal dropsy	2
7	Malignant œdema of throat and dewlap	1
8	Cancer of horn	7
9	Fractures and other injuries	7
10	Foot and mouth disease	4
11	Rinderpest	24
	Total ...	309
	Cast and sent to the Pinjrapole ... ... Bullocks...	79
	Grand Total ...	388

CAUSES OF DEATHS arranged according to the Nomenclature of Diseases drawn up by the COMMITTEE OF THE ROYAL COLLEGE OF PHYSICIANS OF LONDON for 1896.

		No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
General Diseases.		1	Small-pox	50	99	184	157	108	45	25	13	9	2	3	5	700
			„ with Sore Throat	...	...	1	...	...	...	...	...	...	...	...	...	1
		3	Chicken-pox	1	2	1	1	1	...	...	...	...	...	...	...	6
		4	Measles	13	19	31	41	31	16	10	8	6	9	6	26	216
			„ with Bronchitis	...	...	...	...	1	1	...	...	...	4	...	...	6
			„ and Diarrhœa	...	...	...	...	1	...	...	...	...	...	...	...	1
			„ „ Pneumonia	1	...	7	3	3	1	...	1	2	...	...	...	18
		9	Enteric Fever	...	...	2	6	5	...	8	2	1	8	1	2	35
			„ Pleuritis and Pneumonia	...	...	...	...	...	...	...	...	...	1	...	...	1
		10	Relapsing Fever	1	3	7	5	6	3	...	4	9	...	...	3	41
		11	Simple Continued Fever	75	73	81	131	95	82	73	108	99	95	92	163	1,167
		14	Plague	...	...	...	...	...	...	...	...	79	313	273	1,271	1,936
		15	Ague	21	31	17	26	35	18	8	21	23	21	30	28	279
			„ with Pneumonia	...	...	...	...	...	1	...	...	...	...	...	...	1
		16	Remittent Fever	466	478	477	559	521	364	378	468	585	492	570	1451	6,809
			„ „ with Asthma	2	...	...	...	3	...	1	...	3	1	2	...	12
	A.		„ „ „ Bronchitis	8	5	25	62	17	22	18	8	12	3	6	42	228
			„ „ „ Cerebral Complication	...	...	1	...	...	...	1	...	...	...	...	...	2
			„ „ „ Convulsions	4	2	2	5	7	7	7	3	3	9	5	1	55
			„ „ „ Diarrhœa	9	10	11	12	14	16	16	13	16	11	16	22	166
			„ „ „ Dysentery	...	...	...	1	...	1	1	5	5	...	1	1	15
			„ „ „ Pneumonia	1	...	...	1	...	...	...	...	...	1	3	...	6
		18	Malignant Cholera	8	2	17	43	83	54	82	143	47	7	2	2	490
		19	Diphtheria	...	1	...	1	...	...	1	1	...	1	...	...	5
		20	Hooping Cough	25	17	19	15	11	15	15	16	9	10	9	13	174
		21	Mumps	...	...	...	...	1	...	...	...	...	...	1	...	2
		22	Influenza	...	1	...	...	...	...	...	...	...	...	...	...	1
		28	Sloughing Phagedœna	...	...	...	...	...	...	...	1	...	...	...	...	1
		30	Erysipelas	3	...	2	2	1	...	4	...	1	1	...	3	17
		31	Pyæmia	...	1	1	1	1	2	3	3	2	5	2	1	22
		32	Puerperal Fever	13	7	5	10	17	10	10	16	12	21	17	18	156
	B.	34	Acute Rheumatism	1	...	1	3	...	1	...	...	...	5	2	3	16
		38	Chronic „	4	7	2	9	1	2	3	5	8	3	7	10	61

		No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
General Diseases.	B.	38	Chronic Rheumatism and Degeneration of Liver	1	...	...	...	...	...	...	...	...	...	...	...	1
		40	" Gout	...	...	...	1	...	...	...	...	...	...	...	...	1
		43	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...
			" Secondary	1	3	4	2	...	...	1	2	3	1	2	6	25
			" " and Cerebral Disease	...	...	...	...	...	1	...	...	...	...	...	...	1
			" Hereditary	2	3	1	2	1	...	...	2	...	3	...	1	15
		44	Cancer	2	...	1	1	1	...	1	...	1	1	...	1	9
			" of Intestines	...	...	...	...	...	1	...	...	...	...	...	...	1
			" of Stomach	...	...	...	...	...	...	...	...	1	...	...	...	1
			" of Throat	...	...	1	...	...	...	...	...	...	...	1	...	2
			" of Liver	...	...	...	...	...	...	...	...	...	2	...	...	2
			" " and Syncope	...	...	1	...	...	...	...	...	...	...	...	...	1
			" of Thigh	...	...	...	...	...	...	...	...	1	...	...	...	1
			" of Uterus	...	1	...	...	1	...	...	1	...	...	...	...	3
		48	True Leprosy	5	3	5	5	3	6	2	3	5	4	5	8	54
		49	Scrofula	5	5	1	6	2	4	...	3	3	4	2	10	45
			" Tubercular Meningitis	...	...	...	2	1	2	1	1	1	...	1	1	10
			" Phthisis Pulmonalis	297	334	338	274	299	319	358	347	378	406	494	965	4,809
			" Tuberculosis	18	30	37	36	29	22	33	16	33	58	42	81	435
			" " of Intestines	...	...	...	...	1	...	...	...	...	...	...	...	1
			" Tabes Mesenterica	...	...	1	...	...	...	...	...	...	...	...	...	1
		50	Rickets	1	...	...	...	...	...	...	...	...	...	...	...	1
			" and Meningitis	...	...	...	...	...	...	...	...	...	...	1	...	1
		52	Diabetes	...	...	...	2	1	1	2	3	3	3	3	...	18
			" and Rheumatism	...	1	...	...	...	...	...	...	...	...	...	...	1
			" and Carbuncle	...	...	2	...	...	1	4	...	...	...	...	...	7
		54	Scurvy	...	...	...	1	...	...	1	...	1	...	...	...	3
		55	Anæmia	33	26	35	37	31	27	36	43	32	42	48	55	445
		57	General Dropsy	10	5	5	5	15	10	11	7	8	9	7	10	102
			Diseases of the Brain and its Membranes.													
Local Diseases.	Diseases of the Nervous System.	59	Encephalitis	...	...	...	1	...	...	...	...	...	...	...	...	1
		60	Meningitis	1	...	...	1	2	3	...	...	4	2	2	5	20
			" Cerebral Effusion	...	2	...	...	...	...	...	...	...	...	...	...	2
			" Broncho Pneumonia	...	...	1	...	...	...	...	...	...	...	...	...	1
		61	Inflammation of the Brain	7	...	2	2	2	1	3	1	4	...	2	3	27
		62	Softening of the Brain, Hemepligia	...	...	1	...	...	...	...	...	...	...	...	...	1
			" Paralysis, Thrombosis of Heart	...	...	...	...	...	...	...	...	...	...	1	...	1
		64	Abscess of the Brain	...	1	...	...	...	...	1	1	...	1	...	1	5

Local Diseases.	Diseases of the Nervous System.	65	Apoplexy									2	3	1	3	3	2		7		3	4	2	30
		66	Sunstroke												1	1	1	2			3			8
		67	Chronic Hydrocephalus													1								1
		71	Tumour																		1			1
			Diseases of the Spinal Cord and its Membranes.																					
		75	Inflammation Spinal Meningitis									2				1		1						4
			„ Myelitis									1												1
			Diseases of the Nerves.																					
		84	Paralysis									6	9	10	16	11	7	10	12	9	11	13	12	126
		85	Hemiplegia									8	13	17	4	8	11	10	9	11	14	16	36	157
		86	Paraplegia									1	2	1		3	1	1	2		4		2	17
			Functional Diseases of the Nervous System.																					
		90	Tetanus									8	1	9	9	5	5	6	6	6	10	3	3	71
			„ Traumatic from burn																	1	1	1		3
			„ „ „ ulcer														1		1					2
			„ „ „ fracture of forearm															1						1
			„ „ „ compound fracture of arm									1												1
			„ „ „ fracture of elbow										1											1
			„ „ „ injury to the finger														1							1
			„ „ „ „ foot										1											1
			„ „ „ „ heel											1	1									2
			„ „ „ „ leg									1					1	2						4
			„ „ „ wound of forehead										1											1
			„ „ „ „ heel																		1			1
			„ „ „ wound															1						1
			„ „ „ „ of head										1			1								2
			„ „ „ „ of arm											1										1
			„ „ „ „ of finger																1					1
			„ „ „ „ of leg											3					1	6	1			8
			„ „ „ „ of thigh											1										1
			„ „ „ „ of eye-brow													1								1
			„ „ „ „ of toe									2	1	1										4
			„ „ „ „ of back													1								1
			„ „ „ „ of hand																		1			1
			„ „ „ „ of wrist																		1			1
			„ „ „ „ cause unknown											2		1					3			6
		91	Hydrophobia											1					1	1				3
		92	Infantile Convulsions									123	96	148	138	111	114	165	159	165	153	150	127	1,649
		93	Epilepsy									2	6	4	2	5	3	4	4	3	2	13	11	59
		95	Cramps																			1		1
		99	Hysteria									1		2	2		3	1	2		6	6	2	25
			Delirium									1		1		1	1	1	3			2		10

		No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	Augst.	September.	October	November.	December.	Total.
Local Diseases.	Diseases of the Nervous System.		*Diseases of the Intellect.*													
		105	Mania	...	...	...	...	...	...	...	...	...	...	...	...	...
			„ and Dysentery	...	...	...	1	...	...	...	...	...	...	...	...	1
			„ „ Meningitis	...	...	...	...	...	...	...	1	...	...	...	...	1
		107	Dementia	...	...	...	...	...	...	...	...	...	1	...	...	1
			„ and Paraplegia	...	1	...	...	...	...	...	...	...	...	...	...	1
			Insanity	...	...	...	...	...	...	...	...	...	...	1	...	1
	Diseases of the Eye, Ear and Nose.		*Diseases of the External Meatus.*													
		195	Tumour	...	1	...	...	...	...	...	...	...	..	...	...	1
			Diseases of the Nose.													
		210	Ulceration	...	1	...	...	1	...	...	...	...	...	1	...	3
	Diseases of the Circulatory System.		*Diseases of the Heart and its Membranes.*													
		219	Pericarditis	...	...	...	3	1	1	1	...	...	...	1	...	7
			Diseases of the Endocardium.													
		224	Endocarditis	...	...	...	...	...	...	1	...	...	...	...	...	1
		225	Valve Disease	4	2	5	...	4	3	1	...	1	1	...	6	27
			„ Metral Regurgitation	...	...	...	...	...	...	...	1	...	...	...	...	1
			Diseases of the Muscular Structure of the Heart.													
		233	Fatty Degeneration	...	...	...	...	...	...	1	...	...	...	1	...	2
			„ Heart and Angina Pectoris	...	...	...	...	1	...	...	...	...	...	...	...	1
		235	Aneurism	...	...	1	...	...	...	...	...	...	...	1	...	2
		242	Angina Pectoris	...	...	...	1	...	...	...	...	...	...	...	1	2
		243	Syncope	1	...	...	...	1	1	...	...	1	...	...	...	4
		244	Palpitation and irregularity of the action of the heart	12	15	14	8	7	8	11	11	10	16	6	12	130

Local Diseases.	Diseases of the Absorbent System.		*Diseases of the Absorbent System.*																			
		269	Inflammation of Lymphatics	...	...	...	...	...	...	...	1	...	...	...	1	...	...	1	...	...	3
	Diseases of the Respiratory System.		*Diseases of the Respiratory System not strictly Local.*																			
		288	Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			„ and Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
			Diseases of the Nostrils.																			
		289	Coryza	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
			Diseases of the Larynx.																			
		293	Laryngitis	...	2	...	...	...	...	...	...	...	1	1	1	...	...	5
			Diseases of the Trachea and Bronchi.																			
		306	Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			„ Acute	...	88	93	101	107	109	93	111	97	113	80	106	163	1,261
			„ Chronic	...	105	132	124	102	126	100	91	118	108	228	167	338	1,739
			Broncho-Pneumonia	...	...	...	6	...	...	...	2	...	1	...	2	10	21
		314	Asthma	...	50	37	32	37	30	30	27	33	29	38	70	139	552
			Diseases of the Lung.																			
		315	Pneumonia	...	166	157	188	109	109	82	108	143	120	96	119	192	1,589
			„ and Meningitis	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		317	Gangrene	...	1	...	...	...	...	...	...	...	...	1	...	...	2
		318	Passive Congestion	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			„ Hæmoptysis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		320	Œdema	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		322	Emphysema	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		323	Atelectasis	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		326	Chronic Pneumonic Phthisis	...	3	10	10	7	10	4	19	19	19	12	6	10	129
			Diseases of the Pleura.																			
		331	Pleurisy	...	...	...	1	...	2	2	...	3	1	2	3	1	15
			„ and Emphysema	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
			Pleuro-Pneumonia	...	1	...	...	...	1	...	...	...	...	...	...	1	...	3
		336	Pneumothorax	...	...	...	...	1	...	...	...	...	...	...	1	...	...	2
	Diseases of the Digestive System.		*Diseases of the Mouth.*																			
		348	Stomatitis	...	...	1	1	1	...	1	2	...	...	...	1	2	9
		353	Cancrum Oris	...	...	...	...	...	...	...	...	...	2	...	...	...	...	2

	No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Local Diseases. Diseases of the Digestive System.		*Diseases, Malformations and Injuries of the Teeth, Gums and Alveoli.*													
	365	Teething	...	...	...	...	...	1	1	...	...	1	...	4	7
		„ with Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...
		„ „ Cerebral congestion	1	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ Convulsions	...	...	...	...	1	2	...	1	1	...	1	...	6
		„ „ Diarrhœa	...	...	...	...	2	1	6	2	...	...	1	...	12
		„ „ Fever	1	...	6	...	1	...	...	...	...	...	1	...	9
		„ „ Meningitis	...	...	...	...	...	...	...	1	...	...	...	...	1
		Diseases of the Fauces and Palate.													
	421	Ulcerated Throat	2	...	2	...	...	...	1	3	2	...	2	1	13
	423	Tonsillitis	1	...	...	...	...	...	1	1	...	2	...	...	5
		Diseases of the Pharynx.													
	431	Pharyngitis	...	...	...	...	1	...	...	...	...	...	...	...	1
		Diseases of the Stomach.													
	449	Gastritis	...	...	...	...	1	...	1	...	...	...	...	1	3
		Gastro Enteritis	...	1	...	1	...	1	...	...	1	...	...	...	4
	450	Chronic Ulceration	...	...	...	...	...	1	...	...	1	...	...	...	2
	451	Hæmatemesis	1	...	...	...	...	...	...	...	...	...	...	...	1
	460	Dyspepsia	2	...	...	1	...	...	...	...	1	...	2	...	6
	463	Vomiting	1	...	...	...	...	...	...	...	1	...	...	1	3
		Diseases of the Intestines.													
	464	Enteritis	2	2	4	...	...	1	2	...	...	...	1	3	15
	465	Typhlitis and Peritonitis	...	...	...	...	...	...	...	...	1	...	...	...	1
	466	Dysentery	68	49	43	57	57	54	62	101	67	51	47	81	737
	467	Ulceration	2	...	...	...	...	...	...	...	...	...	...	...	2
	469	Abscess in the Sub-Peritoneal Tissue	...	...	...	2	...	1	...	...	...	...	...	...	3
	472	Hæmorrhage	...	1	...	...	...	...	2	...	1	...	...	...	4
	473	Melæna	...	1	...	...	...	...	...	...	...	...	...	...	1

| | | |

Local Diseases.

No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	Diseases of the Urinary System.													
	Diseases of the Bladder.													
557	Cystitis					1		1		1	2			5
570	Calculus		1				1		1		3			6
572	Paralysis						1						1	1
577	Retention of Urine			1		1		1	2				1	6
	Diseases of the Male Urethra.													
596	Stricture	1												1
597	Ulcer													
601	Extravasation of Urine	2						1		1		1	8	4
	Urinary Disease					1					1			5
	Uræmia													1
	Diseases of the Male Organs of Generation.													
	Diseases of the Scrotum.													
608	Sloughing			1				2	1				1	5
610	Elephantiasis					2								2
	Diseases of the Tunica vaginalis.													
617	Hydrocele					1	1							2
618	Hæmatocele					1								1
	Diseases of the Testicle.													
620	Orchitis													
622	Inflammation of Testis			1										1
	Diseases of the Female Organs of Generation in the Unimpregnated State.													
	Diseases of the Ovary.													
630	Inflammation			1										1
635	Tumour									1				1
637	Shock from operation of ovarian				1									1

Local Diseases.

Diseases of the Generative System.

Diseases of the Organs of Locomotion & Cellular Tissue.

| | | |

Local Diseases.

No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Diseases of the Organs of Locomotion and Cellular Tissue.														
	Diseases of Joints.													
768	Acute Synovitis	...	...	...	...	...	...	...	...	...	...	...	1	1
769	Chronic Synovitis	...	2	...	2	...	1	...	...	...	1	...	2	8
772	Abscess	...	...	...	...	...	...	...	...	...	...	1	...	1
773	Dropsy of Joints	...	...	...	...	...	...	...	...	...	...	...	1	1
	Hip Joint Disease	...	...	...	...	...	...	...	...	...	...	1	...	1
	Diseases of the Spine.													
784	Caries	...	...	...	...	1	...	...	...	...	1	...	...	2
785	Lumbar Abscess	...	...	...	...	1	...	...	...	...	...	1	1	2
788	Anterior Curvature	...	...	...	...	...	...	...	...	...	...	...	...	1
	DISEASES OF THE MUSCULAR SYSTEM.													
	Diseases of the Muscles.													
795	Gangrene	...	2	1	2	...	1	...	...	1	3	1	1	12
	Tumour	...	1	1	...	...	2	...	...	...	1	2	...	7
	Foot Diseases ...	...	...	1	...	...	...	...	...	...	...	...	...	1
	Diseases of the Cellular Tissue.													
819	Abscess	...	3	3	2	4	1	4	1	1	5	2	...	27
821	Slough	...	3	...	...	2	...	2	4	1	...	1	...	16
825	Parasitic Diseases—													
	Filaria Medinensis	...	...	...	...	1	...	...	...	...	...	2	...	3
	Diseases of the Cutaneous System.													
842	Pemphigus	...	...	...	...	...	1	1	1	...	...	...	1	2
859	Ulcer	...	...	...	...	1	...	1	1	...	...	...	...	4
862	Carbuncle ...	...	...	...	...	...	2	1	3	...	...	...	...	9
869	Elephantiasis ...	...	...	...	1	...	1	1	1	1	2	3	2	12

| Conditions not necessarily associated with General and Local Diseases. | | |

	No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
		General Injuries.													
General Injuries.	992	Burns and Scalds	1	...	...	...	...	...	1	...	1	...	...	...	3
		„ caused by upsetting a chatty	...	...	...	...	1	...	...	...	...	...	1	1	3
		„ caused by clothes taking fire	2	5	3	2	...	1	...	2	1	2	2	4	24
		„ „ carbolic acid	...	...	...	...	...	2	...	...	...	...	...	...	2
		Burnt in a house	...	...	...	...	...	...	...	...	...	...	2	...	2
		„ in a hut	...	...	...	...	...	...	...	...	...	...	...	1	1
	994	Multiple injuries to leg and arm caused by falling iron rails from a sling on board	...	1	...	...	...	...	...	...	...	...	...	...	1
		„ caused by falling into a hold of ship	...	...	...	...	...	...	...	...	...	...	...	1	1
		„ „ by falling off a building	...	...	...	1	...	...	...	...	...	...	...	...	1
		„ „ by „ of a cotton bale	...	...	...	...	1	...	...	...	...	...	...	...	1
		„ „ by „ of a shed	...	...	...	...	1	...	...	...	...	...	...	...	1
		„ „ by falling from a storey of a house	...	...	...	...	...	...	...	1	...	...	...	...	1
		„ „ by falling of planks	...	...	...	...	...	...	...	...	...	...	...	1	1
		„ „ by being run over by a Municipal van	...	...	...	...	...	...	...	...	...	...	...	1	1
	995	Asphyxia—													
		From drowning in a drain	...	...	...	...	...	...	...	...	1	...	...	...	1
		„ „ in a cistern, accidental	...	...	...	...	...	...	...	...	...	...	1	...	1
		„ „ in a pond, accidental	...	1	...	...	...	1	...	...	1	...	...	...	3
		„ „ „ „ suicidal	...	...	...	...	...	...	...	...	1	...	...	...	1
		„ „ in a fountain	...	1	...	...	...	...	...	...	...	...	...	...	1
		„ „ in a quarry hole, accidental	...	...	1	1	...	1	...	...	1	1	...	...	5
		„ „ in rain water in a gully	...	...	...	...	...	...	...	...	1	...	...	...	1
		„ „ in sea, accidental	...	...	...	2	...	1	...	1	...	...	1	...	5
		„ „ „ suicidal	...	1	...	...	...	...	...	...	...	1	1	...	3
		„ „ not known	...	...	1	...	...	...	...	...	...	...	...	...	1
		„ „ in swimming bath, accidental	...	...	...	...	...	...	...	...	1	...	...	...	1
		„ „ in tank, accidental	...	2	...	...	1	2	2	1	1	1	2	...	12
		„ „ „ suicidal	...	...	3	1	...	2	...	1	...	1	...	3	11
		„ „ not known	...	...	...	...	...	...	...	3	2	...	...	1	6
		„ „ in well, accidental	...	...	...	...	...	...	...	1	1	1	...	3	6
		„ „ „ suicidal	3	4	...	1	2	2	4	3	8	3	4	4	38
		„ „ not known	...	...	1	3	2	1	...	...	...	1	1	1	10
		From strangulation, homicidal	1	1	...	...	...	...	...	...	...	...	...	...	2
		„ hanging by law	...	...	2	...	1	...	...	...	...	2	...	...	5
		„ „ suicidal	...	...	...	...	...	...	...	...	...	1	...	...	1
		„ suffocation caused by being buried under the débris of a house	1	...	...	...	...	1	...	...	...	...	...	...	2
		„ „ „ by the lodgment of a fish in wind-pipe	...	...	2	...	...	...	...	...	...	...	...	...	2
	996	Privation	8	10	8	8	6	5	5	20	17	10	5	8	110

	Local Injuries.																
1001	Scalp-wound by an accidental fall from a Stair case	...	...	...	...	1	...	...	...	...	...	...	...	...	...		1
	„ by being caught in a Mill Machinery	...	...	...	...	...	...	...	...	1	...	...	...	...	...		1
1003	Concussion of the brain—																
	„ by an accidental fall into a hold of the ship	...	...	1	...	...	...	...	...	...	...	...	...	...	...		1
	„ by an accidental fall from a staircase	...	...	...	...	...	...	...	...	...	...	...	...	1	...		1
	„ by being knocked by a horse	...	...	...	...	...	...	...	...	...	...	...	...	...	1		1
	„ by an accidental fall from a ladder	...	...	...	...	1	...	...	...	...	...	...	...	...	...		1
	„ by being run over by a Tram car	...	...	...	...	...	...	...	...	...	...	...	...	...	1		1
	Compression of the brain occurred during process of delivery.	...	...	...	...	1	...	...	...	...	1	...	...	...	...		2
	„ „ cause not known	...	...	...	...	...	...	...	...	1	...	...	...	...	...		1
1004	Fracture of the vault of the skull by jumping out of a window	...	1	...	...	...	...	...	...	...	...	...	...	...	...		1
	„ „ by an accidental fall of a Iron rail	...	...	...	...	...	...	1	...	...	...	...	...	...	...		1
1006	Fracture of the base of the skull	...	...	1	1	1	...	1	...	...	1	...	...	...	1		6
	By an accidental fall from a balcony	1	...	...	...	...	...	...	...	...	...	...	...	...	1		2
	„ „ from a storey of a house	1	...	1	...	1	2	...	...	...	...	...	...	...	...		5
	„ „ from storey of a mill	...	...	...	1	...	...	...	...	...	...	...	...	...	...		1
	„ „ from a staircase	...	1	...	...	...	...	...	...	...	...	...	...	...	...		1
	„ „ of a logwood	...	...	...	...	...	...	...	...	...	...	...	...	1	...		1
	„ „ from a house	...	...	...	...	1	...	...	...	...	...	...	...	...	...		1
	„ „ from a plank	...	...	...	...	...	...	...	...	...	...	...	...	1	...		1
	„ „ of a bale of cocoanut... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1
	By jumping from the verandah of the 1st storey of a house	...	...	...	...	...	...	...	...	...	...	...	1	...	...		1
	Fracture compound of the skull by an accidental fall of a window frame...	1	...	...	...	...	...	...	...	...	...	...	...	1	...		1
	„ of the skull by a fall against a Machine of a Spinning Mill	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1
	Fracture of the base of the skull—																
	By an accidental fall into a hold of a ship	...	...	...	1	...	...	...	...	...	...	...	...	...	1		2
	„ „ „ a quarry...	...	...	...	...	...	...	...	...	...	...	...	1	...	...		1
	Caused by blows with a Bamboo on the head ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...		1
	By an accidental fall of a tree	...	1	...	...	1	...	...	1	...	...	...	...	...	...		3
	Fracture of skull—																
	By being knocked down by a horse...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		1
	„ „ „ „ and trampled on ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...		1
	„ beaten with a stick, homicidal	...	...	...	...	...	...	...	...	...	...	...	...	...	1		1
	Fracture of the base of the skull—																
	By being jammed between platform and foot board of railway carriage	...	1	...	...	...	...	...	...	...	...	...	...	...	...		1
	„ jumped out of tram while it was in motion ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...		1
	„ jumped out from a terrace	...	...	...	1	...	...	...	...	...	...	...	...	...	...		1
	„ run over by a cart	...	...	...	1	...	...	...	...	...	...	...	...	...	...		1
1008	Injury to the head by jumping out from a window ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...		1
	„ by being caught in a Mill machine... ...	...	...	...	...	...	...	...	...	...	...	...	...	1	...		1
	„ by being run over by a carriage	...	...	...	...	...	1	...	...	...	...	...	...	...	...		1
	„ by an accidental fall from window... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		1
	„ by being run over by a railway train ...	...	2	...	...	...	...	...	...	...	...	1	...	...			1
	„ „ „ suicidal.	...	...	...	1	...	...	...	...	...	...	...	...	...			2
																	1

	No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
		General Injuries—contd.													
Local Injuries.	1008	Injury to the head by falling into the hold of a ship	...	...	...	...	1	...	...	...	...	...	...	...	1
		„ by an accidental fall of a log of timber	...	...	...	...	...	...	...	...	...	1	...	...	1
		„ „ from a file of pressed bales of cotton	...	...	...	...	...	...	...	...	...	1	...	...	1
		„ „ from a tree	...	...	...	...	...	...	...	...	...	...	1	...	1
		Injury caused by falling into the hold of a ship	...	...	...	...	1	...	...	...	...	...	...	...	1
		„ by being run over by a cart	...	...	...	...	1	...	...	...	...	...	...	...	1
	1007	Wound of head by an accidental fall from a story of a house	...	...	...	1	...	...	...	...	...	...	...	...	1
		„ homicidal	...	...	...	...	...	...	1	...	...	...	...	...	1
		„ by an accidental fall of a bag of mustard seeds	...	...	...	...	...	...	...	...	...	1	...	...	1
		„ by falling down on to the road	...	...	...	...	...	...	...	...	...	...	1	...	1
		„ by an accidental fall during delirious fever	...	...	...	...	...	...	...	...	...	...	1	...	1
		Head crushed	...	...	...	1	...	...	...	...	...	...	...	...	1
		Injuries of the Neck.													
	1042	Wound of neck and lung, homicidal	...	...	...	...	...	...	1	...	...	...	...	...	1
		„ cut throat, homicidal	...	...	...	...	...	...	...	...	...	...	...	1	1
		„ „ ...	...	...	...	...	...	...	...	...	...	...	1	...	1
		„ „ suicidal	...	...	...	...	...	...	...	...	...	...	...	1	1
		Injuries of the Chest.													
	1050	Fracture of ribs caused by being run over by a Victoria	...	...	...	1	...	...	...	...	...	...	...	...	1
		„ „ by an accidental fall of an iron crane	...	...	...	...	...	1	...	...	...	...	...	...	1
	1056	Wound of heart, homicidal	...	...	1	...	...	...	...	...	...	...	...	...	1
		Injuries of the Back.													
	1062	Compound fracture of spine caused with a knife, homicidal	1	...	...	...	...	...	...	...	...	...	...	...	1
		Fracture of spine—													
		By an accidental fall of a cotton bale	...	1	...	...	...	...	...	...	...	...	...	...	1
		„ „ into a hold of a ship	...	...	1	...	...	...	...	...	...	...	...	...	1
		„ „ of a log of timber while carrying	...	...	...	...	...	1	...	...	...	...	...	...	1
		Cause not known	...	...	...	...	...	...	...	1	...	...	...	...	1
	1063	Injury to the spine by an accidental fall of bags of grain	...	...	...	...	...	...	...	...	...	...	...	1	1
		Injuries of the Abdomen.													
	1066	Ruption of liver caused by being struck by an axle of a cart	...	...	...	...	1	...	...	...	...	...	...	...	1
		„ of viscera by being run over by a Victoria	...	...	...	...	...	...	...	1	...	...	...	...	1
	1072	Injury to the liver by an accidental fall on the road	...	...	...	...	...	...	...	...	...	...	1	...	1
		Internal injuries caused by being trampled by a horse	...	...	...	1	...	...	...	...	...	...	...	...	1
		„ „ by falling down	...	...	...	...	...	...	...	...	2	...	...	...	2
		„ „ by having knocked down by a bullock	...	...	...	...	...	...	...	...	...	...	1	...	1
		„ „ „ from tree	...	...	...	...	...	...	1	1	...	1	...	...	3

Local Injuries.

| | | |

II.

CAUSES of DEATH at different Ages amongst JAINS

MALES.

		Days.	Months.	YEARS.														All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A. Fever: Small-pox	..	3	12	3	..	..	1	1	1	1	..	..	..	..	..	..	..	..	15
	A. Fever: Measles	..	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	3
	A. Fever: Enteric fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A. Fever: Simple continued	..	10	12	5	..	..	1	..	..	..	..	1	1	..	1	1	..	4	36
	A. Fever: Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
	A. Fever: Remittent fever	2	10	12	16	3	..	5	10	20	35	32	26	13	18	15	19	7	22	278
	A. Cholera	..	..	..	..	..	..	..	..	..	2	..	..	1	1	..	..	..	..	4
	A. Bubonic Plague	..	..	..	..	..	..	0	22	29	26	27	19	16	9	4	8	1	1	168
	A. All other diseases classed under Section A of General Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B. Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B. Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	2
	B. All other diseases classed under Section B of General Diseases	..	2	3	4	..	1	2	2	5	11	10	8	5	18	12	9	15	17	124
LOCAL DISEASES.	Diseases of the Nervous system	30	24	4	2	..	..	..	2	..	1	2	2	3	1	2	3	..	5	81
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	1	3	..	1	1	2	2	..	1	12
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	1	10	28	7	3	..	1	..	4	7	1	8	5	6	6	7	7	28	134
	Diseases of the Digestive system: Diarrhœa	..	1	3	..	1	..	..	..	1	1	4	3	2	4	..	3	1	10	34
	Diseases of the Digestive system: Dysentery	..	..	..	1	..	..	1	..	..	..	1	1	..	1	..	..	2	4	11
	Diseases of the Digestive system: All other diseases registered under Digestive system	..	1	..	1	..	..	..	..	..	1	1	2	1	..	2	1	2	..	12
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	3
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
	Diseases of the Organs of Locomotion and Cellular Tissue	..	1	1	..	..	..	..	..	..	1	2	..	..	..	1	..	..	..	6
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	5	6
	Debility	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	2
	General Injuries	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1
	Local Injuries	..	..	..	1	..	1	..	..	..	..	..	..	..	3	..	..	..	..	5
	Drowning	..	..	..	..	..	1	..	..	1	2	1	..	..	..	..	1	..	..	6
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All Causes exclusive of Still-born		42	68	90	11	7	3	18	48	90	94	84	72	48	63	46	54	37	99	954
Cholera, Small-pox, Measles and Bubonic Plague		..	3	3	4	..	..	3	23	30	32	27	19	17	10	4	8	1	1	180
All other Causes		42	65	87	7	7	3	15	25	60	62	57	53	31	53	42	46	36	98	774

during the Year beginning 1st January 1896.

| FEMALES. | | |

III.

CAUSES of DEATH at different Ages amongst BRAHMINS

MALES.

		Days.	Months.	YEARS.															All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A. Fever: Small-pox	..	2	4	4	1	..	1	..	..	2	2	1	..	..	..	..	..	..	17
	A. Fever: Measles	..	1	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	A. Fever: Enteric fever	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	3
	A. Fever: Simple continued	..	1	1	2	..	..	..	..	1	1	..	..	..	2	..	2	2	1	13
	A. Fever: Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A. Fever: Remittent fever	1	4	1	2	4	1	5	13	20	25	21	16	16	22	7	11	10	37	226
	A. Cholera	..	..	..	..	..	..	..	..	1	1	2	1	..	..	..	1	1	..	7
	A. Bubonic Plague	..	..	..	..	..	..	2	3	9	15	10	10	6	6	1	6	2	..	70
	A. All other diseases classed under Section A of General Diseases	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	3
	B. Leprosy	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	3
	B. Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B. All other diseases classed under Section B of General Diseases	..	..	2	2	2	..	3	6	10	8	8	10	9	7	8	5	13	93	
LOCAL DISEASES.	Diseases of the Nervous system	17	13	1	4	1	..	4	1	..	2	2	1	1	2	1	2	6	55	
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	2	5	
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	1	5	9	7	1	..	1	2	..	3	4	3	..	3	3	4	1	26	73
	Diseases of the Digestive system: Diarrhœa	..	1	1	..	..	..	4	..	3	4	2	3	4	2	4	4	3	6	41
	Diseases of the Digestive system: Dysentery	..	..	..	..	..	..	..	..	1	1	3	1	2	..	..	1	..	5	14
	Diseases of the Digestive system: All other diseases registered under Digestive system	..	..	2	4	1	..	..	..	1	..	1	1	..	..	5	4	..	2	21
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	1	2	6
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	1	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	4
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	7	9
	Debility	19	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	1	..	..	4
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Local Injuries	..	..	..	..	..	..	..	..	1	1	1	..	..	1	..	..	..	..	4
	Drowning	..	..	..	..	..	..	..	..	1	..	2	..	..	..	..	..	..	..	3
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
All Causes exclusive of Still-born		38	31	34	24	10	1	13	25	46	64	60	51	43	49	31	46	29	108	703
Cholera, Small-pox, Measles and Bubonic Plague		..	3	6	6	1	..	3	3	10	18	14	12	6	0	1	7	3	..	99
All other Causes		38	28	28	18	9	1	10	22	36	46	46	39	37	43	30	39	26	108	604

during the Year beginning 1st January 1896.

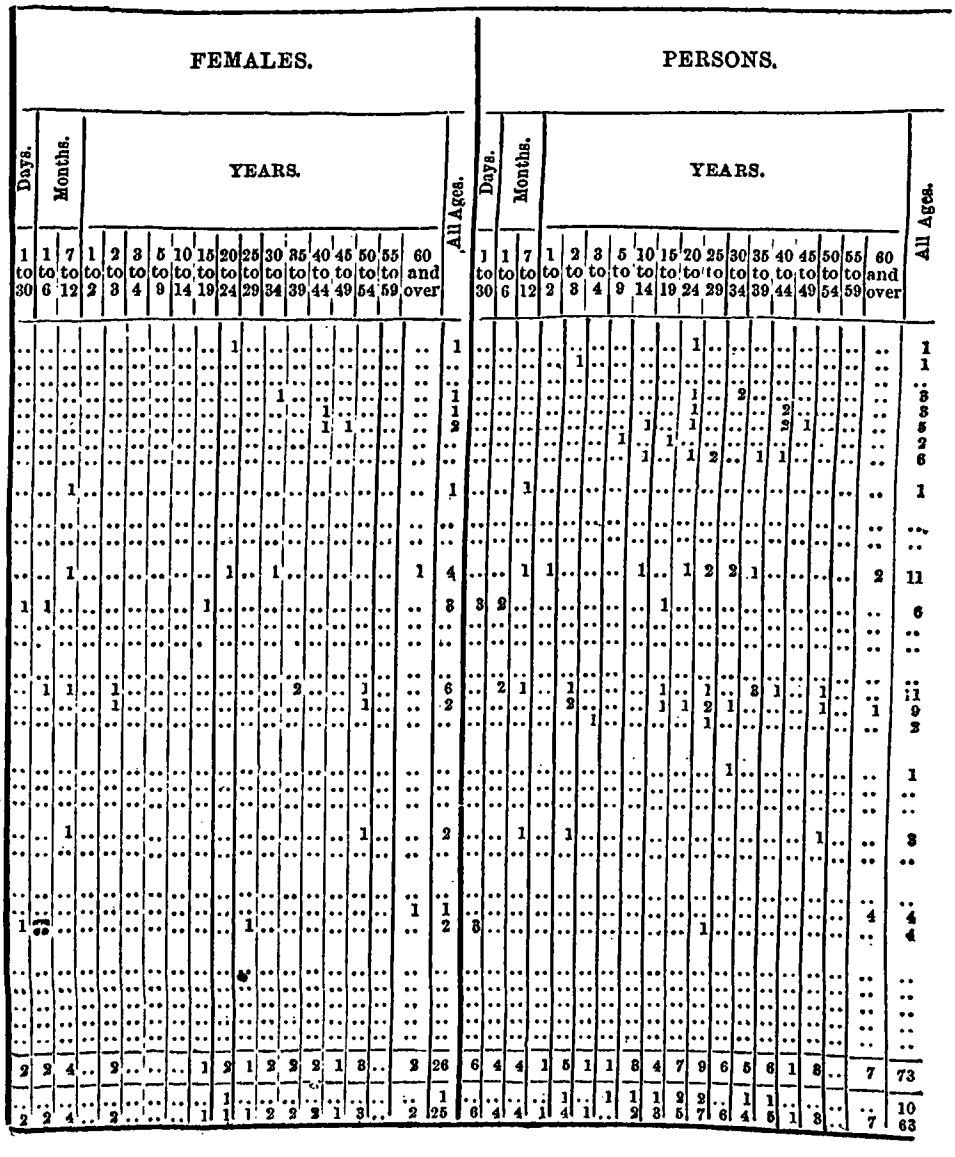
| FEMALES. | | |

CAUSES of DEATH at different Ages among LINGAETS

MALES.

		Days.	Months.	YEARS.														All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
General Diseases.	A Fever. Small-pox																			
	A Fever. Measles					1														1
	A Fever. Enteric fever										1		1							2
	A Fever. Simple continued										1				1					2
	A Fever. Ague								1		1				1					3
	A Fever. Remittent fever							1		1										2
	A Cholera								1		1	2		1	1					6
	A Bubonic Plague																			
	A All other diseases classed under Section A of General Diseases																			
	B Leprosy																			
	B Dropsy																			
	B All other diseases classed under Section B of General Diseases				1				1			2	1	1					1	7
Local Diseases.	Diseases of the Nervous system	2	1																	3
	Diseases of the Eye, Ear, and Nose																			
	Diseases of the Circulatory system																			
	Diseases of the Absorbent system and ductless glands																			
	Diseases of the Respiratory system		1						1		1	1		1	1					6
	Diseases of the Digestive system. Diarrhœa				1				1	1	2	1							1	7
	Diseases of the Digestive system. Dysentery					1					1									2
	Diseases of the Digestive system. All other diseases registered under Digestive system.												1							1
	Diseases of the Urinary system																			
	Diseases of the Generative system																			
	Diseases of the Organs of Locomotion and Cellular Tissue				1															1
	Diseases of the Cutaneous system																			
Conditions not necessarily associated with General or Local Diseases.	Premature Birth																			
	Old Age																		3	3
	Debility	2																		2
Accident and Violence.	Poisons																			
	General Injuries																			
	Local Injuries																			
	Drowning																			
Unspecified Causes																				
All Causes, exclusive of Still-born		4	2		1	3	1	1	3	3	5	3	4	3	4				5	47
Cholera, Small-pox, Measles and Bubonic Plague						1		1	1	1	1	2		1	1					9
All other Causes		4	2		1	2	1		2	2	4	1	4	2	3				5	38

during the Year beginning 1st January 1896.



V.

CAUSES of DEATH at different Ages amongst

MALES.

			Days.	Months.	YEARS.														All Ages.
			1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
General Diseases.	A	Fever. Enteric fever																		
		Fever. Simple continued			2	3	8			2			1						1	12
		Fever. Ague																		
		Fever. Remittent fever		1	2	2	1		1		3	2	1	1		1	3	3	5	2	35
		Cholera																		
		Bubonic Plague								2	3	1	3	2	2	1	1	2		2	19
		All other diseases classed under Section A of General Diseases			1																1
	B	Leprosy																			
	B	Dropsy																1			1
	B	All other diseases classed under Section B of General Diseases				1	1					2	2	6	2	3	3	3	2	7	37
Local Diseases.		Diseases of the Nervous system	12	5	1							1					2	1		1	23
		Diseases of the Eye, Ear and Nose																			
		Diseases of the Circulatory system												1			2				3
		Diseases of the Absorbent system and ductless glands																			
		Diseases of the Respiratory system		5	8							1	1		1	2				14	32
		Diseases of the Digestive system. Diarrhœa										1		1	2	1			2	2	9
		Diseases of the Digestive system. Dysentery															2			1	3
		Diseases of the Digestive system. All other diseases registered under Digestive system.				1					1			1							3
		Diseases of the Urinary system																			
		Diseases of the Generative system																			
		Diseases of the Organs of Locomotion and Cellular Tissue																			
		Diseases of the Cutaneous system																			
Conditions not necessarily associated with General or Local Diseases.		Premature Birth																			
		Old Age																			
		Debility	4																		4
Accident and Violence.		Poisons																1			1
		General Injuries																			
		Local Injuries																1		1	2
		Drowning																			
Unspecified Causes																					
All Causes, exclusive of Still-born			16	13	15	7	2		3	2	7	9	7	12	7	8	13	16	10	38	185
Cholera, Small-pox, Measles and Bubonic Plague										2	3	1	3	2	2	1	1	2		2	19
All other Causes			16	13	15	7	2		3		4	8	4	10	5	7	12	14	10	36	166

BHATIAS during the Year beginning 1st January 1896.

| FEMALES. | | |

CAUSES of DEATH at different Ages amongst HINDUS OF

		MALES.																			FEMALES.																			
		Days.	Months.	YEARS.														All Ages.	Days.	Months.																					
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over			
GENERAL DISEASES.	A. Fever. Small-pox	1	34	40	20	5	1	10	18	19	27	19	6	4	1	..	..	..	..	205	1	47	36	20	5	1	10	18	19	27	19	6	4	1	..	..	..	..	205		
	Measles	..	2	19	19	7	2	4	1	2	..	1	1	..	..	..	..	..	..	58	..	2	13	19	7	2	4	1	2	..	1	1	..	..	..	..	..	..	58		
	Enteric fever	..	..	..	1	..	..	..	..	1	2	..	..	1	..	..	1	..	..	6	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0		
	Simple continued	..	45	65	35	15	7	17	14	21	17	28	16	17	15	6	9	3	19	341	1	42	62	35	15	7	17	14	21	17	28	16	17	15	6	9	3	19	341		
	Ague	..	1	..	5	4	2	4	1	1	6	3	9	2	6	2	4	1	9	60	..	2	6	5	4	2	4	1	1	6	3	9	2	6	2	4	1	9	60		
	Remittent fever	18	129	49	96	55	39	105	132	147	224	267	218	166	156	90	109	42	194	2331	11	114	176	96	55	39	105	132	147	224	267	218	166	156	90	109	42	194	2331		
	Cholera	..	..	..	1	..	..	8	13	13	21	43	21	26	21	11	12	4	8	202	..	..	1	1	..	..	8	13	13	21	43	21	26	21	11	12	4	8	202		
	Bubonic Plague	..	1	2	2	3	4	41	92	95	121	153	102	65	51	32	25	8	14	811	..	1	..	2	3	4	41	92	95	121	153	102	65	51	32	25	8	14	811		
	All other diseases classed under Section A of General Diseases	..	4	20	15	4	..	1	..	1	4	5	6	9	1	1	..	2	3	76	..	10	19	15	4	..	1	..	1	4	5	6	9	1	1	..	2	3	76		
	B. Leprosy	..	..	..	..	..	..	..	..	3	2	4	2	1	2	1	1	..	1	17	..	..	..	..	..	..	..	..	3	2	4	2	1	2	1	1	..	1	17		
	Dropsy	..	..	1	2	..	..	1	1	..	1	..	3	..	4	2	1	..	3	19	..	..	..	..	..	..	1	1	..	1	..	3	..	4	2	1	..	3	19		
	All other diseases classed under Section B of General Diseases	..	13	40	47	37	14	49	23	54	103	146	132	107	123	74	111	44	112	1228	7	7	41	47	37	14	49	23	54	103	146	132	107	123	74	111	44	112	1228		
LOCAL DISEASES.	Diseases of the Nervous system	278	112	22	4	5	4	3	9	5	10	13	19	11	15	8	7	3	26	559	206	55	15	4	5	4	3	9	5	10	13	19	11	15	8	7	3	26	559		
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1		
	Diseases of the Circulatory system	..	..	..	1	..	..	1	..	1	2	5	9	7	3	5	2	2	5	43	..	..	1	1	..	..	1	..	1	2	5	9	7	3	5	2	2	5	43		
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
	Diseases of the Respiratory system	37	109	142	84	21	17	21	17	26	49	63	73	54	55	34	64	33	251	1150	34	85	158	37	109	142	84	21	17	21	17	26	49	63	73	54	55	34	64	33	251	1150
	Diseases of the Digestive system. Diarrhœa	..	10	25	22	22	13	28	15	11	32	44	38	30	40	15	25	18	63	446	1	10	33	22	22	13	28	15	11	32	44	38	30	40	15	25	18	63	446		
	Dysentery	..	3	8	12	14	10	14	7	6	10	20	35	19	23	13	9	7	31	241	..	1	12	12	14	10	14	7	6	10	20	35	19	23	13	9	7	31	241		
	All other diseases registered under Digestive system	3	3	5	28	15	1	5	1	4	7	19	23	17	12	11	11	3	19	184	..	4	13	3	3	5	28	15	1	5	1	4	7	19	23	17	12	11	11	3	19	184
	Diseases of the Urinary system	..	..	..	..	1	..	2	..	..	3	..	3	2	3	2	1	1	3	21	..	..	..	..	..	..	..	1	..	2	..	..	3	..	3	2	3	2	1	1	3	21	
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	2	5	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	2	5	..	..	
	Diseases of the Organs of Locomotion and Cellular Tissue	2	3	3	1	..	2	5	3	..	1	6	2	4	2	2	3	1	4	43	3	3	3	2	3	3	1	..	2	5	3	..	1	6	2	4	2	2	3	1	4	43
	Diseases of the Cutaneous system	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	4	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4		
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4		
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	5	115	122	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	115	122		
	Debility	399	182	27	10	..	..	..	1	..	2	4	12	1	2	2	..	..	..	592	294	131	28	399	182	27	10	..	..	..	1	..	2	4	12	1	2	2	..	..	..	592
Accident and Violence.	Poisons	..	..	..	1	..	..	..	2	2	9	5	7	2	1	..	1	..	..	30	..	..	..	..	..	..	1	..	..	..	2	2	9	5	7	2	1	..	1	..	..	30
	General Injuries	..	1	..	2	..	1	1	1	..	4	3	8	8	5	3	7	3	3	50	..	..	..	..	..	..	2	..	1	1	1	..	4	3	8	8	5	3	7	3	3	50
	Local Injuries	2	..	..	1	..	..	4	5	2	9	5	11	4	3	3	5	..	5	59	..	..	..	2	..	..	1	..	..	4	5	2	9	5	11	4	3	3	5	..	5	59
	Drowning	..	..	..	..	..	..	2	4	4	5	8	5	2	..	..	3	..	3	36	..	..	..	..	..	..	..	..	..	2	4	4	5	8	5	2	..	..	3	..	3	36	
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	1	5	3	3	1	..	..	..	11	..	..	..	..	..	..	..	..	..	..	..	..	1	5	3	3	1	..	..	..	11		
All Causes exclusive of Still-born		739	603	569	394	208	117	326	359	468	671	864	765	563	548	321	416	181	893	8955	562	514	598	739	603	569	394	208	117	326	359	468	671	864	765	563	548	321	416	181	893	8955
Cholera, Small-pox, Measles and Bubonic Plague		1	37	61	42	15	7	63	124	129	169	216	130	95	73	43	37	12	22	1276	1	50	50	1	37	61	42	15	7	63	124	129	169	216	130	95	73	43	37	12	22	1276
All other Causes		738	566	508	352	193	110	263	235	289	502	648	635	468	475	278	379	169	871	7679	561	464	548	738	566	508	352	193	110	263	235	289	502	648	635	468	475	278	379	169	871	7679

OTHER CASTES during the Year beginning 1st January 1896.

FEMALES.															PERSONS.																
YEARS.														All Ages.	Days.	Months.	YEARS.														All Ages.
1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
16	6	1	16	11	22	11	15	4	..	1	..	..	..	1	188	2	81	76	36	11	2	26	29	41	38	34	10	4	3	..	..	..	1	393
18	9	2	5	4	..	..	..	1	..	..	..	..	..	..	54	..	4	32	37	16	4	9	5	2	..	1	2	..	..	..	..	..	..	112
..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	1	2	..	..	1	..	..	1	..	..	7
34	20	14	17	14	11	18	17	11	11	8	2	3	1	11	297	1	87	127	59	35	21	34	28	32	35	45	27	28	23	10	12	4	30	638
3	4	2	7	4	4	5	5	1	4	8	4	5	4	11	79	..	3	6	8	8	4	11	5	5	11	8	10	6	14	6	9	5	20	159
115	68	36	105	124	100	115	113	94	78	84	29	66	28	158	1614	24	243	325	211	123	75	210	256	247	339	380	312	244	240	119	175	70	352	3945
1	3	..	12	8	10	16	25	10	8	7	6	8	2	5	124	..	..	1	2	3	..	20	21	23	39	68	31	34	28	17	20	6	13	326
2	1	4	41	57	48	46	53	28	21	28	18	15	1	15	379	..	2	2	4	4	8	82	149	143	167	206	130	86	79	50	40	9	29	1190
22	2	2	1	2	13	18	12	13	6	3	..	..	..	..	123	..	14	39	37	6	2	2	2	14	22	17	19	15	4	1	..	2	3	199
..	..	..	..	..	..	..	1	2	2	1	..	..	1	2	9	..	..	..	..	..	..	..	..	3	2	5	4	3	3	1	1	1	3	25
3	1	..	1	..	..	..	4	3	..	2	2	1	2	4	23	..	..	1	5	1	..	2	1	..	1	4	6	..	6	4	2	2	7	42
49	33	17	76	66	100	153	164	141	109	108	46	105	46	114	1382	7	20	81	96	70	31	125	89	154	256	309	273	216	231	120	216	90	226	2610
6	1	3	6	6	9	6	10	7	6	3	1	7	4	21	372	484	167	37	10	6	7	9	15	14	16	23	26	17	18	9	14	12	47	931
..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	2
1	..	..	..	..	..	4	2	1	1	2	..	3	..	2	17	..	..	1	2	..	..	1	..	1	6	7	10	8	5	5	5	2	7	60
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
91	34	15	28	32	18	24	29	31	27	37	23	27	22	336	1031	71	194	280	175	55	32	49	49	44	73	82	104	81	92	57	91	55	587	2181
33	25	17	22	12	12	16	21	21	10	20	7	13	5	54	332	1	20	58	55	47	30	50	27	23	48	65	59	40	60	22	38	18	117	778
7	9	5	17	5	1	9	6	7	4	8	4	5	1	15	116	..	4	20	19	23	15	31	12	7	19	26	42	23	31	17	14	8	46	357
21	14	3	3	5	3	5	2	1	5	2	8	6	..	5	100	8	7	19	44	29	4	8	6	7	12	21	24	22	14	19	17	4	24	284
..	..	..	1	1	..	2	..	..	..	2	..	2	..	1	9	..	..	..	..	1	..	3	1	..	5	..	3	2	5	2	3	1	4	30
..	..	..	..	1	24	42	31	28	13	10	..	..	..	..	149	..	..	..	..	..	..	..	1	24	42	31	28	14	10	1	1	..	2	154
..	..	2	1	3	..	2	..	..	..	..	1	2	..	3	23	5	6	6	1	..	4	6	5	..	3	6	2	4	2	3	5	1	7	66
1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	3	1	1	..	1	..	..	..	..	..	..	..	2	..	1	..	1	..	..	7
..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7
..	..	..	..	..	..	..	..	..	..	..	..	..	4	202	210	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	9	317	332
11	..	2	1	..	2	2	3	6	1	1	4	..	..	..	487	693	263	56	21	..	2	1	1	2	4	7	18	2	3	6	..	..	..	1079
..	..	..	..	1	3	6	3	1	1	..	..	..	..	..	15	..	..	..	1	..	..	..	3	6	15	8	8	3	1	..	1	..	..	45
..	2	1	1	3	..	1	1	2	1	1	..	1	1	1	16	..	1	..	2	2	2	2	4	..	5	4	10	9	6	3	8	4	4	66
2	1	..	2	2	1	..	..	1	2	..	..	1	1	..	13	2	..	..	3	1	..	6	7	3	9	5	12	6	3	3	6	1	5	72
1	..	..	1	1	8	5	6	2	..	2	..	..	..	1	27	..	..	..	1	..	..	3	5	12	10	14	7	2	2	..	3	..	4	63
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	1	3	3	3	1	..	..	..	12
437	233	126	364	363	390	508	523	418	310	338	155	274	123	962	7198	1801	1117	1167	831	441	243	690	722	808	1179	1387	1188	873	886	476	690	304	1855	16153
37	19	7	74	80	80	75	93	43	29	36	24	23	3	21	745	2	87	111	79	34	14	137	204	209	244	309	173	124	109	67	60	15	43	2021
400	214	119	290	283	310	433	430	375	281	302	131	251	120	941	6453	1299	1030	1056	752	407	229	552	518	599	935	1078	1010	749	777	409	630	289	812	14132

CAUSES of DEATH at different Ages amongst HINDUS

MALES.

			Days.	Months.	YEARS.														All Ages.
			1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A	Fever: Small-pox	..	9	8	3	1	1	3	3	1	1	2	1	..	..	..	..	..	..	33
		Fever: Measles	..	..	2	..	3	2	2	..	..	..	..	..	..	..	..	..	..	..	9
		Fever: Enteric fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Fever: Simple continued	..	2	6	5	4	3	2	3	1	2	4	6	2	3	..	..	1	44
		Fever: Ague	..	..	1	3	1	1	2	..	1	1	2	5	..	2	..	1	..	1	21
		Fever: Remittent fever	1	15	18	11	12	7	18	23	22	39	76	36	26	21	9	15	1	8	358
		Cholera	..	..	..	..	..	1	2	..	2	4	8	3	2	2	..	1	..	1	26
		Bubonic Plague	..	..	..	..	..	..	6	12	3	14	17	9	2	6	3	..	1	6	78
		All other diseases classed under Section A of General Diseases	..	2	14	8	4	2	1	..	3	3	3	2	3	1	..	..	..	..	46
	B	Leprosy	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	2
		Dropsy	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
		All other diseases classed under Section B of General Diseases	..	1	4	16	3	2	6	3	7	10	9	16	9	14	5	11	3	18	137
LOCAL DISEASES.		Diseases of the Nervous system	37	8	1	..	..	..	1	..	..	2	2	2	1	..	2	1	..	3	60
		Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
		Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Diseases of the Respiratory system	16	16	37	27	10	1	12	12	7	15	24	24	10	18	9	17	5	28	287
		Diseases of the Digestive system. Diarrhœa	..	6	13	15	13	2	3	3	..	3	7	3	1	3	2	1	2	9	85
		Diseases of the Digestive system. Dysentery	..	..	2	2	7	3	2	1	2	2	4	2	5	5	3	3	..	7	55
		Diseases of the Digestive system. All other diseases registered under Digestive system	..	..	1	..	..	..	1	2	..	2	3	2	6	1	..	3	..	2	21
		Diseases of the Urinary system	..	..	..	..	..	1	..	1	..	..	..	..	..	1	1	..	..	..	4
		Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2
		Diseases of the Organs of Locomotion and Cellular Tissue	..	1	..	..	..	..	..	..	..	1	..	1	..	1	..	..	1	1	6
		Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Conditions not necessarily associated with General or Local Diseases.		Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23	23
		Debility	88	60	11	2	1	1	..	..	..	..	..	..	1	..	1	..	..	..	161
Accident and Violence.		Poisons	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
		General Injuries	..	1	..	1	..	..	..	..	..	..	..	1	..	1	1	..	1	..	6
		Local Injuries	..	..	..	..	1	..	..	2	..	..	..	..	..	..	1	1	..	2	7
		Drowning	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	..	4
Unspecified Causes			..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All Causes, exclusive of Still-born			142	110	118	93	60	32	61	64	52	100	164	113	70	79	37	53	19	110	1476
Cholera, Small-pox, Measles and Bubonic Plague			..	9	10	3	2	4	13	15	6	19	27	13	4	8	3	1	1	6	146
All other Causes			142	107	108	90	58	28	48	49	46	81	137	100	66	74	34	52	18	104	1330

II.

LOW-CASTE during the Year beginning 1st January 1896.

FEMALES.																				PERSONS.																			
Days.	Months.	YEARS.															All Ages.	Days.	Months.	YEARS.																All Ages.	
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over.		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over		
1	6	3	5	3	3	5	8	1	7	..	..	2	..	..	..	..	..	39	1	15	11	8	4	4	8	6	2	8	2	1	2	..	..	..	..	..	72
..	..	7	7	1	1	1	..	..	..	..	..	..	..	..	..	..	..	17	..	..	9	7	4	3	3	..	..	..	..	..	..	..	..	..	..	..	..	26
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	2	3	8	1	2	5	1	2	3	2	3	2	..	2	2	..	3	41	..	4	9	13	5	5	7	4	3	5	6	9	4	3	2	2	..	4	85
1	..	1	3	2	1	3	2	1	1	3	2	2	3	..	2	..	2	29	1	..	2	6	3	2	5	2	2	2	5	7	2	5	..	3	..	3	50
1	16	15	19	14	4	25	34	32	28	35	23	9	15	2	14	3	8	297	2	31	33	30	26	11	43	57	54	67	111	69	35	36	11	29	4	16	655
..	..	..	..	..	..	1	2	1	3	3	1	2	1	1	3	..	..	18	..	..	..	..	..	1	3	2	3	7	11	4	4	3	1	4	..	1	44
..	..	1	1	..	1	6	5	2	5	7	1	..	3	1	..	..	1	34	..	..	1	1	..	1	12	17	5	19	24	10	2	9	4	..	1	6	112
..	3	24	8	2	2	2	..	2	1	2	3	..	..	..	..	..	..	49	..	5	33	16	6	4	3	..	5	4	5	5	3	1	..	..	..	..	95
..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	2	..	5	..	..	..	..	..	..	..	..	..	1	1	..	2	1	..	2	..	..	7
..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..	..	3
1	5	15	18	1	1	3	6	10	9	14	16	6	13	5	6	1	20	150	1	6	19	34	4	8	9	9	17	19	23	32	15	27	10	17	4	38	287
26	2	2	..	..	..	1	..	1	1	..	..	1	..	..	..	..	..	34	63	10	3	..	..	..	2	..	1	3	2	2	2	..	2	1	..	3	94
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	..	3	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	1	..	..	..	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	28	36	33	8	7	6	7	13	17	9	7	10	19	7	28	3	26	272	24	43	73	60	18	8	18	19	20	32	33	31	20	37	16	45	8	54	559
..	4	9	14	8	4	..	..	1	4	3	4	4	7	2	5	..	16	85	..	10	22	29	21	6	3	3	1	7	10	6	5	10	4	6	2	25	170
..	..	2	1	4	3	8	..	..	1	5	..	1	2	1	2	2	7	39	..	..	4	3	11	11	10	1	2	3	9	2	6	7	4	5	2	14	94
1	1	1	4	..	1	..	..	..	1	1	..	1	..	..	1	..	..	12	1	1	2	4	..	1	1	2	..	3	4	2	7	1	..	2	..	2	33
..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	4	..	..	..	1	..	1	..	..	1	1	..	1	1	1	1	..	..	..	8
..	..	..	..	..	..	..	..	2	12	3	7	1	1	..	..	..	..	26	..	..	..	..	..	..	..	..	2	12	3	8	1	1	..	..	..	..	27
..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	1	..	..	4	..	1	..	1	1	1	..	..	..	1	..	1	..	1	..	1	..	1	9
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	64	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	87	87
93	36	8	4	2	1	..	..	..	..	1	2	..	1	..	..	..	..	148	181	92	19	6	3	2	..	..	..	..	1	2	1	1	1	..	..	..	309
..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	2	..	..	..	..	..	..	..	1	..	..	..	..	2	..	..	..	..	..	3
..	..	..	1	..	1	..	..	..	..	2	..	..	..	1	..	..	..	5	..	1	..	1	1	..	1	..	..	..	..	3	..	..	1	2	..	1	11
..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	1	..	..	2	..	..	..	..	..	1	1	1	..	2	8
..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..	1	2	..	2	..	..	..	..	..	..	..	..	6
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	103	127	128	48	32	67	62	68	95	90	72	45	67	23	67	9	147	1382	274	219	245	221	108	64	128	126	120	195	254	185	115	146	60	120	21	257	2858
1	6	11	13	4	5	13	10	4	15	10	2	4	4	2	3	..	1	108	1	15	21	16	8	9	26	25	10	34	37	15	8	12	5	4	1	7	354
131	97	116	115	44	27	54	52	64	80	80	70	41	63	21	64	9	146	1274	273	204	224	205	100	55	102	101	110	161	217	170	107	134	55	116	20	250	2604

CAUSES of DEATH at different Ages amongst MUSSULMANS

MALES.

		Days.	Months.	YEARS.														All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
General Diseases, A, Fever	Small-pox	..	5	5	8	3	1	9	7	1	3	2	6	4	5	1	1	..	..	61
	Measles	..	..	4	10	5	2	3	..	1	..	..	..	..	..	..	..	..	..	25
	Enteric fever	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
	Simple continued	..	21	25	14	10	2	8	10	8	15	5	9	10	7	2	7	5	11	169
	Ague	..	..	1	..	2	..	2	..	..	3	1	1	1	3	1	3	..	6	23
	Remittent fever	8	87	73	68	16	13	34	39	43	43	39	54	31	45	22	32	13	80	740
Cholera		..	..	..	..	..	2	1	3	1	5	6	7	2	5	2	1	..	4	38
Bubonic Plague		..	..	..	..	..	1	9	7	21	21	17	9	8	9	3	4	1	8	118
All other diseases classed under Section A of General Diseases		..	..	1	2	..	1	1	..	..	2	1	1	..	..	..	..	..	1	10
General Diseases, B	Leprosy	..	..	..	..	..	..	..	..	1	..	1	..	1	2	1	1	..	2	9
	Dropsy	..	..	..	..	..	..	..	..	2	1	..	4	1	3	..	1	..	2	14
	All other diseases classed under Section B of General Diseases	..	3	10	18	14	7	29	49	69	39	99	108	84	104	48	74	21	107	939
Local Diseases,	Diseases of the Nervous system	112	102	47	20	2	4	3	7	..	7	2	8	9	2	7	6	3	22	363
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	2	..	1	3	..	..	3	..	1	10
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	17	56	87	73	12	14	29	23	26	45	45	44	34	55	34	80	19	202	982
	Diseases of the Digestive system. Diarrhœa	2	11	12	17	6	7	11	12	2	3	8	12	23	18	9	13	6	34	211
	Diseases of the Digestive system. Dysentery	..	..	1	..	3	1	..	1	1	4	5	9	6	5	6	6	2	13	63
	Diseases of the Digestive system. All other diseases registered under Digestive system.	3	1	2	11	19	8	12	3	1	8	10	10	10	8	9	9	4	31	130
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	..	..	1	3	2	2	2	2	12
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Diseases of the Organs of Locomotion and Cellular Tissue	..	1	..	..	..	..	2	..	..	..	2	3	..	1	1	2	..	1	13
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	6	164	173
	Debility	129	25	2	..	..	..	..	..	1	2	2	1	..	5	1	..	..	..	168
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	1	..	..	1	1	1	1	..	..	5
	General Injuries	..	..	..	..	..	..	2	2	1	..	6	4	4	6	1	4	..	27	56
	Local Injuries	..	..	..	..	..	..	2	1	3	3	2	4	..	..	1	2	..	2	19
	Drowning	..	..	..	..	1	..	2	1	1	1	3	1	..	..	..	..	1	..	11
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	2
All Causes, exclusive of Still-born		273	313	270	241	93	60	160	164	183	265	255	297	235	289	152	255	84	784	4373
Cholera, Small-pox, Measles and Bubonic Plague		..	5	9	18	8	6	22	17	24	20	24	22	14	19	6	6	1	7	237
All other Causes		273	313	261	223	85	54	138	147	160	234	231	276	221	267	146	249	83	777	4136

III.

during the Year beginning 1st January 1896.

FEMALES.																				PERSONS.																	
Days.	Months.	YEARS.																All Ages.	Days.	Months.	YEARS.																All Ages.
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
..	5	16	4	..	5	5	3	1	2	..	..	2	..	..	1	..	..	44	..	10	21	12	3	6	14	10	2	5	2	6	6	5	1	2	..	..	105
..	..	8	20	5	3	1	1	..	1	..	..	..	..	..	..	..	..	29	..	..	12	20	10	5	4	1	1	1	..	..	..	..	..	..	..	..	..	54
..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2
2	22	30	14	14	6	11	6	4	6	7	8	2	2	4	1	2	5	141	2	43	55	28	24	8	19	16	12	21	12	12	12	9	6	8	4	16	310
1	..	..	..	..	1	1	2	..	1	1	..	1	4	..	..	..	4	16	1	..	1	..	2	1	3	2	..	4	2	1	2	7	1	3	..	9	39
6	74	66	47	28	15	43	43	26	28	24	32	16	27	8	15	10	51	553	14	161	138	115	39	28	77	82	69	71	63	86	47	72	30	47	23	131	1293
..	..	..	..	..	..	..	1	1	..	2	2	1	..	1	1	..	2	9	..	..	..	..	..	2	1	4	2	5	7	9	3	5	3	2	..	4	47
..	..	..	1	..	..	7	9	4	2	4	5	2	3	2	..	1	1	41	..	..	..	1	..	1	16	16	25	23	21	14	10	12	5	4	2	4	154
..	1	1	..	1	..	..	..	12	16	16	15	2	1	..	..	..	..	65	..	1	2	2	1	1	1	..	13	18	17	16	2	1	..	..	..	1	75
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	1	..	1	2	1	1	1	2	10
..	..	..	..	..	..	..	..	..	3	1	..	2	1	..	..	..	2	9	..	..	..	..	..	..	..	..	2	4	1	4	3	4	..	1	..	4	23
..	10	7	15	11	8	54	107	140	195	187	115	72	106	40	59	20	88	1184	..	19	17	33	25	15	33	156	209	284	236	223	156	210	88	133	41	195	2123
102	99	33	9	3	2	6	2	..	3	2	2	2	1	3	3	1	13	291	214	201	80	29	5	6	9	9	..	10	4	10	11	3	10	14	4	35	654
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
..	..	..	..	..	1	..	..	..	1	..	1	..	1	..	..	..	4		..	..	..	..	..	..	1	..	..	3	..	2	3	1	..	3	..	1	14
..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1		..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
18	43	72	66	29	8	31	44	39	27	40	27	14	25	9	37	12	271	812	35	99	159	169	41	19	60	67	65	72	85	71	48	80	43	117	31	563	1794
..	6	26	22	7	6	15	6	1	6	3	8	6	6	4	4	2	14	141	3	17	38	39	13	13	26	18	3	14	10	20	29	24	13	17	4	48	352
..	1	1	..	1	1	3	2	..	1	1	2	2	3	1	2	2	2	25	..	1	2	..	4	2	3	3	1	5	6	11	8	8	7	7	4	15	87
..	1	..	7	16	15	8	2	1	2	2	1	4	2	2	1	1	4	69	8	2	2	18	35	23	20	5	2	10	12	11	14	10	11	10	5	15	208
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2		..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	2	2	4	14
..	..	..	..	..	..	..	1	11	15	31	27	12	4	2	1	..	3	106	..	..	..	..	..	..	..	1	11	15	31	28	12	4	2	1	..	2	107
1	..	..	..	..	1	1	..	1	1	..	2	..	..	..	..	..	..	7	1	1	..	..	..	1	3	..	1	1	2	5	..	1	1	2	..	1	20
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	4	144	153	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	10	308	323
89	19	1	..	..	..	..	..	..	1	3	4	..	..	..	..	..	..	116	218	44	3	..	..	..	..	..	1	3	6	5	..	5	1	..	..	..	286
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		..	..	1	..	..	..	..	..	1	..	..	1	1	1	1	..	..	..	6
..	..	..	..	1	..	..	..	1	..	1	..	4	..	2	2	2	2	15	..	..	..	..	1	..	2	2	2	..	6	4	3	6	3	6	2	29	71
..	..	..	..	..	..	..	..	1	1	1	1	1	1	1	..	..	2	9	..	..	..	..	..	..	2	..	4	4	3	5	1	1	2	2	..	3	27
..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	1	..	..	..	..	1	..	2	1	1	1	4	1	..	..	..	..	1	..	12
..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	2	4	..	..	..	..	..	..	1	..	..	3	..	1	..	..	..	..	..	..	4
222	281	261	195	111	72	187	229	244	312	278	248	145	187	79	184	68	606	3849	495	599	531	436	204	152	347	393	427	575	553	545	380	473	231	389	142	1390	8222
..	5	24	15	5	8	13	14	6	5	6	7	5	3	0	2	1	1	123	..	10	38	33	13	14	35	31	30	34	30	22	19	22	9	8	2	8	360
222	276	237	180	106	64	174	215	238	307	272	241	140	184	76	132	67	605	3726	495	589	498	403	191	118	312	362	397	541	503	516	361	451	222	381	140	1382	7862

I

CAUSES of DEATH at different Ages amongst PARSEES

MALES.

		Days.	Months.	YEARS.														All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
General Diseases.	A. Fever: Small-pox	1	..	3	..	..	1	3	2	..	4	..	..	..	..	..	..	..	..	14
	A. Fever: Measles	..	..	..	1	2	1	..	..	..	..	..	..	..	..	..	..	..	..	4
	A. Fever: Enteric fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A. Fever: Simple continued	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A. Fever: Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A. Fever: Remittent fever	2	8	32	27	5	5	8	3	6	6	4	4	5	9	8	6	5	25	168
	A. Cholera	..	..	..	2	..	..	..	..	1	2	..	1	2	..	2	1	..	1	13
	A. Bubonic Plague	..	..	..	..	..	..	..	6	6	3	3	4	2	2	1	3	3	..	41
	A. All other diseases classed under Section A of General Diseases	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	1	3
	B. Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B. Dropsy	..	..	..	..	2	..	..	..	..	..	..	..	..	..	1	..	..	2	5
	B. All other diseases classed under Section B of General Diseases	..	..	1	..	..	..	..	1	..	7	9	2	2	..	2	6	2	5	37
Local Diseases.	Diseases of the Nervous system	5	16	18	12	2	4	2	..	1	2	1	1	1	6	5	6	14	32	128
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	1	..	..	..	..	..	..	..	..	..	2	2	..	1	..	5	4	6	21
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	..	7	13	18	1	..	1	..	1	..	2	1	2	1	2	7	4	7	67
	Diseases of the Digestive system. Diarrhœa	..	..	2	4	2	..	1	..	1	..	1	1	..	1	2	1	..	2	18
	Diseases of the Digestive system. Dysentery	..	3	2	4	1	1	..	1	..	2	..	1	..	2	2	3	3	14	39
	Diseases of the Digestive system. All other diseases registered under Digestive system	..	..	2	1	1	2	4	1	2	2	..	3	..	2	2	3	3	6	41
	Diseases of the Urinary system	..	..	1	..	..	1	..	..	1	..	..	..	..	..	1	..	..	3	7
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	3	..	..	1	..	..	..	4
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	2
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	1	..	..	1	1	2	1	3	1	10	
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	23	25
	Debility	37	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	40
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	2	1	..	..	..	1	..	..	1	4
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	2
	Local Injuries	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	2	1	5
	Drowning	..	..	..	..	..	..	..	1	2	1	..	1	1	..	..	..	..	2	8
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
All Causes exclusive of Still-born		48	37	74	70	16	15	24	15	24	33	27	19	20	25	39	45	41	136	708
Cholera, Small-pox, Measles and Bubonic Plague		1	..	8	3	2	2	8	8	9	10	4	3	4	1	5	4	..	5	72
All other Causes		47	37	71	67	14	13	16	7	15	23	23	16	16	24	34	41	41	131	636

X.

during the Year beginning 1st January 1896.

| FEMALES. | | |

X

CAUSES of DEATH at different Ages amongst JEWS

		MALES.																			
		Days.	Months.	YEARS.																	All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A Fever: Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A Fever: Measles	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	A Fever: Enteric fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A Fever: Simple continued	..	..	..	2	..	..	..	1	..	1	..	..	1	..	..	..	1	..	..	6
	A Fever: Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
	A Fever: Remittent fever	..	2	..	..	1	..	..	..	1	..	1	..	..	..	..	..	1	1	..	7
	A Cholera	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
	A Bubonic Plague	..	..	..	..	..	..	..	1	2	1	2	..	..	..	..	..	..	..	..	6
	A All other diseases classed under Section A of General Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B Dropsy	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
	B All other diseases classed under Section B of General Diseases	..	..	..	1	1	..	..	1	3	1	2	1	..	1	..	..	..	..	..	11
LOCAL DISEASES.	Diseases of the Nervous system	1	5	2	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	3	2	..	..	..	..	1	2	..	1	..	..	..	..	1	..	2	..	..	12
	Diseases of the Digestive system: Diarrhœa	..	1	..	..	..	..	2	..	..	..	1	..	..	..	..	2	..	2	3	8
	Diseases of the Digestive system: Dysentery	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
	Diseases of the Digestive system: All other diseases registered under Digestive system	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	..	3
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	..	7
	Debility	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Local Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All Causes, exclusive of Still-born		5	11	2	6	3	1	4	5	4	6	5	3	3	..	2	2	4	18	79
Cholera, Small-pox, Measles and Bubonic Plague		..	..	..	..	1	1	..	2	2	1	2	..	..	..	..	..	..	..	..	9
All other Causes		5	11	2	6	2	..	4	3	2	5	3	3	3	..	2	2	4	13	..	70

during the Year beginning 1st January 1856.

| FEMALES. | | |

XI.

CAUSES of DEATH at different Ages amongst NATIVE

MALES.

		Days.	Months.	YEARS.														All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 & over	
General Diseases. A	Fever. Small-pox	1	1	1	..	..	..	1	2	3	7	3	3	..	..	..	..	..	..	22
	Measles	..	2	3	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	7
	Enteric fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Simple continued	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Ague	..	..	1	..	2	..	..	2	..	..	..	1	3	1	2	1	8	..	21
	Remittent fever	10	26	15	6	1	..	4	3	6	5	9	3	5	7	6	3	2	6	117
	Cholera	..	..	..	..	..	..	..	..	1	2	3	1	4	4	..	1	..	4	20
	Bubonic Plague	..	..	..	..	1	..	6	5	10	11	3	8	2	4	2	2	..	1	65
	All other diseases classed under Section A of General Diseases	..	..	..	..	..	..	..	..	..	1	..	2	1	..	1	1	..	..	6
B	Leprosy	..	..	..	..	..	..	..	..	1	..	2	..	2	..	1	..	..	..	6
	Dropsy	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
	All other diseases classed under Section B of General Diseases	..	..	2	3	..	..	1	1	3	9	6	2	4	5	5	1	1	43	
Local Diseases.	Diseases of the Nervous system	3	2	1	1	1	..	1	..	1	1	1	..	..	2	2	3	1	4	24
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	1	..	2	..	2	..	2	3	3	..	13
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	2	6	5	..	1	..	2	3	3	7	10	8	12	9	5	15	7	15	140
	Diseases of the Digestive system. Diarrhœa	..	7	4	1	..	..	1	1	3	..	3	4	2	4	4	2	2	6	46
	Diseases of the Digestive system. Dysentery	..	..	..	1	2	..	..	..	1	4	1	..	6	3	2	1	..	3	24
	Diseases of the Digestive system. All other diseases registered under Digestive system.	..	1	5	2	..	..	..	..	1	..	2	3	2	4	2	1	1	1	25
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	2
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	1	4
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	6	9
	Debility	17	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	2
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	3
	Local Injuries	1	..	..	..	..	..	1	1	..	..	1	1	..	..	..	..	..	..	5
	Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
All Causes exclusive of Still-born		34	48	38	15	6	..	17	18	32	42	50	40	42	44	35	43	22	60	588
Cholera, Small-pox, Measles and Bubonic Plague.		1	3	4	1	1	0.	8	7	14	20	9	12	6	8	2	3	..	5	104
All other Causes		33	45	34	14	7	..	9	11	18	22	41	28	36	36	33	40	22	55	484

CHRISTIANS during the Year beginning 1st January 1896.

FEMALES.

Days.	Months.	YEARS.																				All Ages.
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over					
..	..	..	..	..	..	..	..	2	4	1	2	1	..	..	1	..	..	11				
..	1	2	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	6				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
..	..	..	..	1	2	..	1	1	4	2	..	..	1	1	..	4	17					
9	22	13	9	2	1	1	6	2	1	6	6	4	5	3	6	3	5	104				
..	..	..	..	..	..	..	1	..	1	1	..	..	1	..	..	..	1	5				
..	..	..	..	..	..	..	5	2	3	..	..	2	3	..	..	..	..	15				
..	..	..	1	..	1	..	..	..	1	1	1	..	1	..	..	..	1	7				
..	..	..	..	..	..	..	..	..	..	1	..	2	2	..	..	..	..	5				
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1				
..	1	..	1	..	..	1	2	5	10	8	3	2	3	2	1	1	1	41				
6	2	1	..	1	1	1	1	..	1	..	2	..	2	3	1	2	25					
..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	2	4				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
2	5	1	3	2	1	1	3	2	3	9	4	4	3	..	3	1	15	62				
..	8	2	3	2	3	..	2	..	4	1	4	..	2	2	4	1	9	47				
..	1	..	1	..	1	1	..	1	1	2	2	..	1	..	..	..	..	11				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
..	2	3	2	..	..	1	..	..	1	3	1	1	..	..	..	..	..	14				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
..	..	..	..	..	..	..	..	..	5	1	..	1	1	1	..	..	..	9				
..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	3				
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	13	15				
10	6	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	18				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
..	..	..	..	1	..	4	1	..	1	..	..	..	..	..	1	..	..	8				
..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	2				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1				
35	49	22	22	10	10	11	22	16	38	39	25	21	24	12	21	8	53	438				
..	1	2	2	1	..	..	6	4	8	2	2	3	4	..	1	..	1	37				
35	48	20	20	9	10	11	16	12	30	37	23	18	20	12	20	8	52	401				

PERSONS.

Days.	Months.	YEARS.																				All Ages.
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over					
1	1	1	..	..	..	1	2	5	11	4	5	1	..	..	1	..	..	33				
..	3	5	3	1	..	1	..	..	..	..	..	..	..	..	..	..	..	13				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
..	..	1	..	3	2	..	2	1	1	4	2	1	3	2	3	1	12	38				
19	48	28	15	3	1	5	9	8	6	15	9	9	12	9	9	5	11	221				
..	..	..	..	..	..	..	1	1	3	4	1	4	5	..	1	..	5	25				
..	..	..	..	1	..	6	10	12	14	3	8	4	7	2	2	..	1	70				
..	..	..	1	..	1	..	..	..	2	1	3	1	1	1	1	..	1	13				
..	..	..	..	..	..	..	..	..	..	3	..	4	2	1	..	..	..	11				
..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	2				
..	1	2	4	..	..	1	3	6	13	17	9	4	7	7	6	2	2	84				
9	4	2	1	2	1	2	1	2	1	2	..	2	2	4	6	2	6	49				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
..	..	..	..	..	..	..	..	..	1	..	2	..	3	1	2	3	3	2	17			
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
4	11	6	3	3	1	3	6	5	10	19	12	16	12	5	18	8	30	172				
..	15	6	4	2	3	1	3	3	4	4	8	2	6	6	6	3	17	93				
..	1	..	2	2	1	1	..	2	5	3	2	6	4	2	1	..	3	35				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
..	3	3	4	..	..	1	..	1	1	5	4	3	4	2	1	1	1	39				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	2				
..	..	..	..	..	..	..	..	..	5	1	..	1	1	1	..	..	..	9				
..	1	..	..	..	..	..	1	..	1	1	..	..	..	..	1	1	1	7				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7				
27	9	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	39				
..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	2				
..	..	..	1	..	..	1	..	..	4	1	..	1	..	..	1	1	2	11				
1	..	..	..	..	..	..	..	..	1	1	..	1	1	..	1	..	..	7				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1				
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2				
69	97	60	37	18	10	28	40	48	80	89	65	63	68	47	64	30	113	1026				
1	4	6	3	2	..	8	13	18	28	11	14	9	12	2	4	..	6	141				
68	93	54	34	16	10	20	27	30	52	78	51	54	56	45	60	30	107	885				

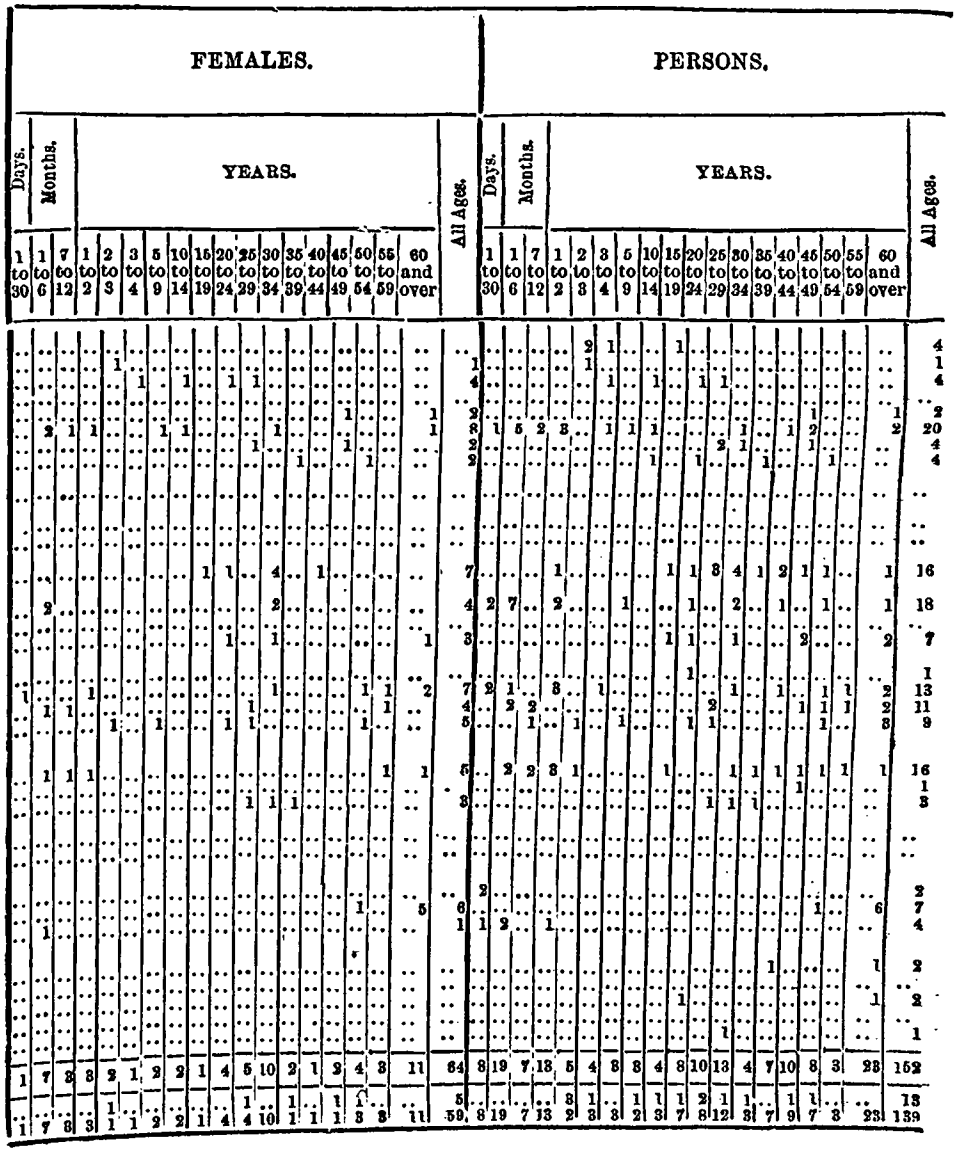
XII.

CAUSES of DEATH at different Ages amongst EURASIANS

MALES.

		Days.	Months.	YEARS.															All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
General Diseases. A. Fever.	Small-pox	..	..	..	..	2	1	..	..	1	..	..	..	..	..	..	..	..	..	4
	Measles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Enteric fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Simple continued	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Remittent fever	1	3	1	2	..	1	..	..	..	..	1	1	..	1	2	..	..	1	12
	Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	Bubonic Plague	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	2
	All other diseases classed under Section A of General Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
B.	Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	All other diseases classed under Section B of General Diseases	..	..	..	1	..	..	..	..	..	..	3	..	1	1	1	1	..	1	9
Local Diseases.	Diseases of the Nervous system	2	5	..	2	..	..	1	..	..	1	..	..	..	1	..	1	..	1	14
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	..	..	1	4
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
	Diseases of the Respiratory system	1	1	..	2	..	1	..	..	..	..	1	..	..	1	..	..	..	2	6
	Diseases of the Digestive system. Diarrhœa	..	1	1	..	..	..	..	..	..	..	1	..	..	..	1	1	..	2	7
	Diseases of the Digestive system. Dysentery	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	4
	Diseases of the Digestive system. All other diseases registered under Digestive system	..	1	1	2	1	..	..	..	1	..	..	1	1	1	1	1	..	..	11
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
	Debility	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	2
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Local Injuries	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	2
	Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
All Causes, exclusive of Still-born		7	12	4	10	3	3	1	1	3	4	5	3	2	6	3	4	..	12	88
Cholera, Small-pox, Measles and Bubonic Plague		..	..	..	..	2	1	..	1	1	1	1	1	..	..	..	..	..	..	8
All other Causes		7	12	4	10	1	2	1	..	2	3	4	2	2	6	3	4	..	12	80

during the Year beginning 1st January 1896.



CAUSES of DEATH at different Ages amongst EUROPEANS

MALES.

			Days.	Months.	YEARS.														All Ages.
			1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A	Fever.—Small-pox										1	1	1		1				4
		Measles																		
		Fever.—Enteric fever							1		1	5	3	1	2	2				15
		Fever.—Simple continued																		
		Fever.—Ague																		
		Fever.—Remittent fever			1	2							1		2	1		2		1	10
		Cholera												1						1
		Bubonic Plague											1							1
		All other diseases classed under Section A of General Diseases												1						1
	B	Leprosy																		
		Dropsy																		
		All other diseases classed under Section B of General Diseases			1							2	2		2			1	2	10
LOCAL DISEASES.		Diseases of the Nervous system	3	2	1		1						1		1			1	2	2	15
		Diseases of the Eye, Ear, and Nose																			
		Diseases of the Circulatory system							1			2	2	1	1	2	1		2	1	13
		Diseases of the Absorbent system and ductless glands																			
		Diseases of the Respiratory system		1	3						1			1				1	2	1	10
		Diseases of the Digestive system.—Diarrhœa		2	1		1			1						1		1		1	8
		Diseases of the Digestive system.—Dysentery			3	1					1	4	1				1				11
		Diseases of the Digestive system.—All other diseases registered under Digestive system	1		2	3				1		1	1		4	1	3	2	1	3	23
		Diseases of the Urinary system												1			1	1	1	1	5
		Diseases of the Generative system																			
		Diseases of the Organs of Locomotion and Cellular Tissue											1	1							2
		Diseases of the Cutaneous system																			
Conditions not necessarily associated with General or Local Diseases.		Premature Birth	3																		3
		Old Age																		1	1
		Debility																			
Accident and Violence.		Poisons													1						1
		General Injuries				1															1
		Local Injuries									2								1		3
		Drowning											1								1
Unspecified Causes				1																	1
All Causes, exclusive of Still-born			7	6	12	7	2		2	2	5	15	15	8	13	8	6	9	11	12	140
Cholera, Small-pox, Measles and Bubonic Plague												1	2	2		1					6
All other Causes			7	6	12	7	2		2	2	5	14	13	6	13	7	6	9	11	12	134

II.

during the Year beginning 1st January 1896.

| FEMALES. | | |

X

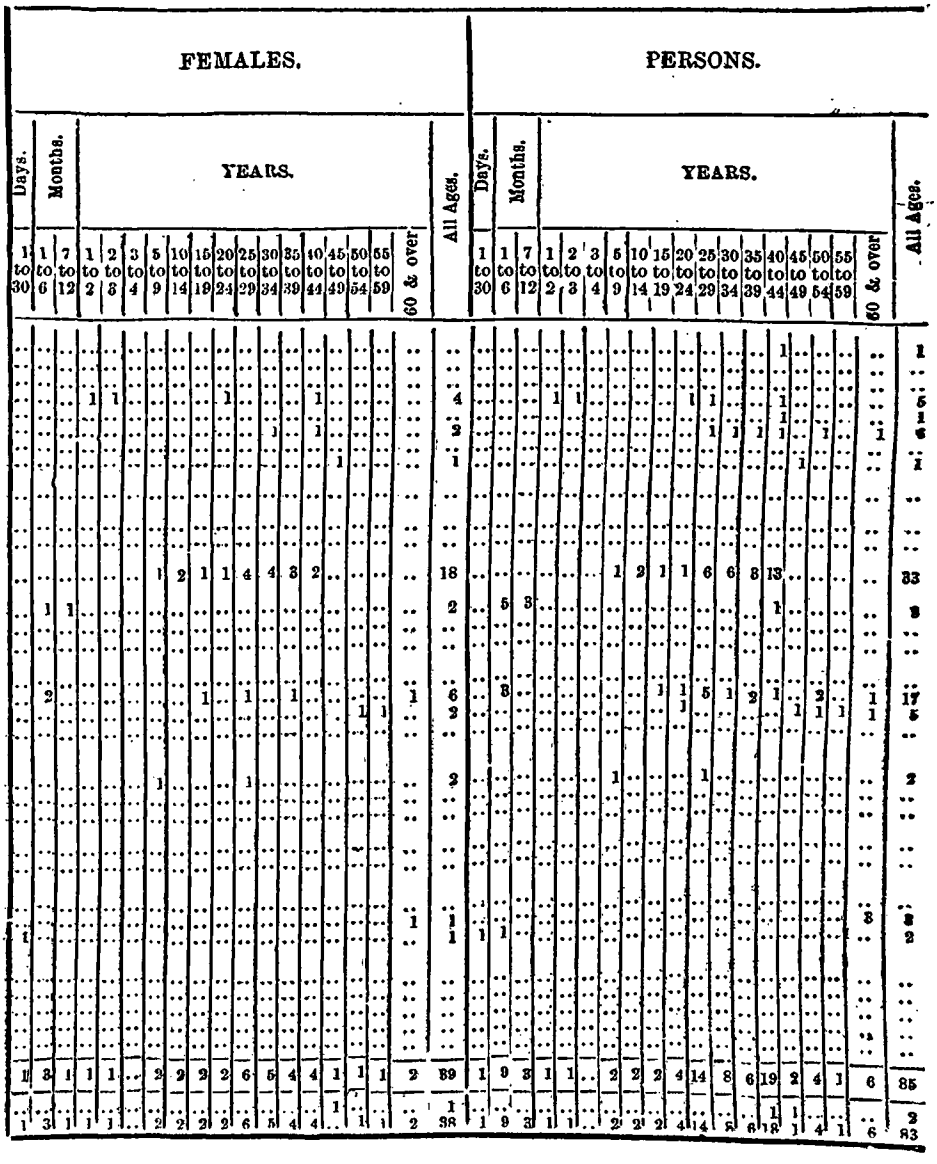
CAUSES of DEATH at different Ages amongst NEGRO-

MALES.

		Days.	Months.	YEARS.																All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 & over	
GENERAL DISEASES.	A. Fever. Small-pox														1					1
	A. Fever. Measles																			
	A. Fever. Enteric fever											1								1
	A. Fever. Simple continued																			
	A. Fever. Ague														1					1
	A. Fever. Remittent fever											1		1			1		1	4
	A. Cholera																			
	A. Bubonic Plague																			
	A. All other diseases classed under Section A of General Diseases																			
	B. Leprosy																			
	B. Dropsy																			
	B. All other diseases classed under Section B of General Diseases											2	2		11					15
LOCAL DISEASES.	Diseases of the Nervous system		4	2											1					7
	Diseases of the Eye, Ear, and Nose																			
	Diseases of the Circulatory system																			
	Diseases of the Absorbent system and ductless glands																			
	Diseases of the Respiratory system		1								1	4	1	1	1		2			11
	Diseases of the Digestive System. Diarrhœa										1					1			1	3
	Diseases of the Digestive System. Dysentery																			
	Diseases of the Digestive System. All other diseases registered under Digestive system																			
	Diseases of the Urinary system																			
	Diseases of the Generative system																			
	Diseases of the Organs of Locomotion and Cellular Tissue																			
	Diseases of the Cutaneous system																			
Conditions not necessarily associated with General or Local Diseases.	Premature Birth																			
	Old Age																		2	2
	Debility		1																	1
Accident and Violence.	Poisons																			
	General Injuries																			
	Local Injuries																			
	Drowning																			
Unspecified Causes																				
All Causes, exclusive of Still-born			6	2							2	8	3	2	15	1	3		4	46
Cholera, Small-pox, Measles and Bubonic Plague															1					1
All other Causes			6	2							2	8	3	2	14	1	3		4	45

IV.

AFRICANS during the Year beginning 1st January 1896.

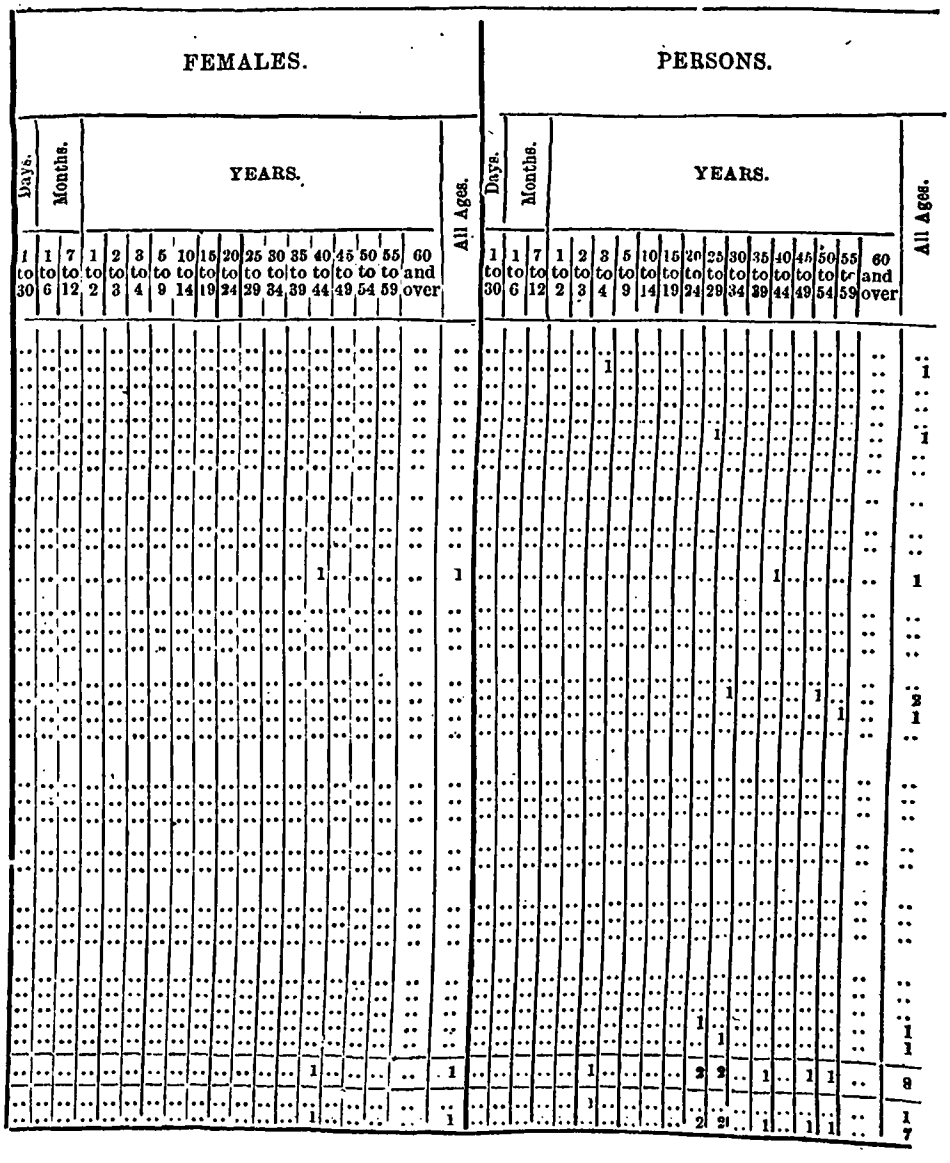


FEMALES.																						PERSONS.																			
Days.	Months.	YEARS.																All Ages.	Days.	Months.	YEARS.																All Ages.	
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 & over		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 & over	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
..	..	..	1	1	..	..	..	..	1	..	..	..	1	..	..	..	..	4	..	..	..	1	1	..	..	..	..	..	..	..	..	1	1	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1	..	1	..	..	6
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	1	2	1	1	4	4	3	2	..	..	..	..	18	..	..	..	..	..	1	2	1	1	6	6	3	13	..	..	..	..	33				
..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	5	3	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	9				
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	2	..	..	..	..	..	..	1	..	1	..	1	..	..	..	..	1	6	..	3	..	..	..	..	..	..	..	1	1	5	1	2	1	..	2	1	1	17	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	1	1	1	5	
..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	2	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	2	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

CAUSES of DEATH at different Ages amongst

		MALES.																		
		Days.	Months.	YEARS.																All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A Fever. Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A Fever. Measles	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
	A Fever. Enteric fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A Fever. Simple continued	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A Fever. Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A Fever. Remittent fever	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
	A Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A Bubonic Plague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A All other diseases classed under Section A of General Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B All other diseases classed under Section B of General Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
LOCAL DISEASES.	Diseases of the Nervous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
	Diseases of the Respiratory system	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	2
	Diseases of the Digestive system. Diarrhœa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
	Diseases of the Digestive system. Dysentery	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Digestive system. All other diseases registered under Digestive system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Debility	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Local Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Drowning	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
All Causes, exclusive of Still-born		..	..	..	..	..	1	..	..	..	..	2	2	..	..	..	1	1	..	7
Cholera, Small-pox, Measles and Bubonic Plague		..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
All other Causes		..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	1	1	..	6

CHINESE during the Year beginning 1st January 1896.



CAUSES of DEATH at different Ages amongst OTHER and

		MALES.																			
		Days.	Months.	YEARS.																	All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
General Diseases. A.	Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Measles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Fever. Enteric fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Fever. Simple continued	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Fever. Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Fever. Remittent fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Bubonic Plague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	All other diseases classed under Section A of General Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
General Diseases. B.	Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	All other diseases classed under Section B of General Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Local Diseases.	Diseases of the Nervous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Digestive system. Diarrhœa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Digestive system. Dysentery	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Digestive system. All other diseases registered under Digestive system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Debility	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Local Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
All Causes, exclusive of Still-born		..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
Cholera, Small-pox, Measles and Bubonic Plague		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All other Causes		..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1

VI.

UNKNOWN CASTES during the Year beginning 1st January 1896.

FEMALES.																			PERSONS.																
Days.	Months.	YEARS.																All Ages.	Days.	Months.	YEARS.														All Ages.
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

XV

CAUSES of DEATH at different Ages amongst

MALES.

		Days.	Months.	YEARS.														All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A Fever. Small-pox	3	54	63	38	12	5	28	33	26	49	29	18	8	8	1	1	..	..	376
	A Measles	..	5	31	34	19	9	11	1	3	..	1	1	..	..	..	..	..	..	115
	A Fever. Enteric fever	..	..	..	1	..	..	2	..	3	7	4	1	3	3	..	1	..	..	25
	A Fever. Simple continued	..	81	112	56	29	12	30	28	31	38	38	33	31	27	11	19	11	37	624
	A Fever. Ague	..	1	3	8	9	3	8	3	2	11	6	15	4	16	4	11	2	24	130
	A Fever. Remittent fever	38	285	314	232	98	66	180	230	274	380	454	358	265	282	162	201	86	385	4290
	A Cholera	..	..	..	3	..	3	12	17	20	38	62	36	37	33	15	17	5	18	316
	A Bubonic Plague	..	1	2	2	4	5	75	152	180	215	239	161	104	88	49	50	13	30	1370
	A All other diseases classed under Section A of General Diseases	..	7	36	25	8	3	3	..	4	10	11	12	18	2	3	1	2	6	146
	B Leprosy	..	..	..	..	..	..	..	..	5	3	7	2	4	5	3	2	..	3	34
	B Dropsy	..	..	1	2	2	..	2	1	2	3	1	3	1	7	5	4	1	7	47
	B All other diseases classed under Section B of General Diseases	..	25	63	94	58	24	86	83	143	240	301	291	226	287	158	234	95	282	2690
LOCAL DISEASES.	Diseases of the Nervous system	502	299	100	45	12	12	11	22	8	25	24	34	27	29	30	30	30	103	1343
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2
	Diseases of the Circulatory system	1	..	..	1	..	..	2	..	4	9	12	16	15	8	14	18	13	17	125
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
	Diseases of the Respiratory system	78	225	332	218	49	30	68	59	69	129	155	104	120	151	94	198	80	662	2881
	Diseases of the Digestive system. Diarrhœa	2	40	62	59	46	22	50	32	22	51	73	65	64	74	38	53	30	141	924
	Diseases of the Digestive system. Dysentery	..	6	17	21	27	21	17	10	12	27	36	49	38	39	29	22	14	82	467
	Diseases of the Digestive system. All other diseases registered under Digestive system	7	7	21	48	37	11	22	8	11	21	37	48	42	29	42	33	15	45	484
	Diseases of the Urinary system	..	..	1	..	1	2	2	..	2	4	1	4	4	7	9	5	6	13	61
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	2	5	1	1	2	..	2	13
	Diseases of the Organs of Locomotion and Cellular Tissue	2	6	5	2	1	2	7	2	..	3	13	7	6	5	4	6	2	7	80
	Diseases of the Cutaneous system	..	1	..	..	..	..	..	..	1	..	..	1	1	2	2	2	4	1	15
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	15	357	381
	Debility	706	225	41	13	1	1	..	1	1	4	6	13	2	7	4	..	..	..	1025
Accident and Violence.	Poisons	..	..	..	1	..	..	..	2	2	12	7	11	7	8	1	4	1	1	53
	General Injuries	..	2	..	4	..	1	3	3	2	4	8	13	12	12	5	13	3	34	119
	Local Injuries	4	..	..	2	1	1	7	8	8	15	9	16	4	7	5	9	3	12	111
	Drowning	..	..	..	..	1	1	4	6	11	9	18	8	3	..	1	4	1	6	72
Unspecified Causes		..	1	..	..	..	..	..	..	..	..	2	6	5	3	1	1	..	..	19
All Causes, exclusive of Still-born		1355	1271	1204	909	415	234	630	701	846	1808	1554	1393	1051	1135	691	947	482	2274	18350
Cholera, Small-pox, Measles and Bubonic Plague		8	60	96	77	38	22	126	208	229	302	331	216	149	129	65	68	18	48	2177
All other Causes		1352	1211	1108	832	380	212	504	198	617	1006	1223	1177	902	1006	626	879	414	2226	16173

II.

ALL RACES and CASTES during the Year beginning 1st January 1896.

FEMALES.																		PERSONS.																	
Days.	Months.	YEARS.															All Ages.	Days.	Months.	YEARS.																All Ages.
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
8	64	64	34	10	11	30	17	30	28	12	8	6	2	..	2	..	1	325	6	118	127	72	22	16	58	50	56	77	46	24	14	10	1	3	..	1	701
..	4	35	43	17	8	11	5	..	1	1	1	..	..	..	..	..	..	126	..	9	66	77	36	17	22	6	3	1	2	2	..	..	..	..	..	..	..	..	241
..	..	..	..	..	1	..	2	3	1	2	1	..	..	..	..	..	..	11	..	..	..	1	..	1	2	2	6	8	6	2	..	4	3	..	..	..	..	..	36
3	77	117	66	37	23	36	22	18	28	28	18	15	14	9	6	4	22	543	3	158	229	122	66	35	66	53	49	66	66	51	46	41	20	25	15	53	1167
2	2	7	6	7	6	11	8	7	9	14	6	7	16	6	8	4	24	150	2	3	10	14	16	9	19	11	9	20	20	21	11	32	10	19	6	48	280
34	274	326	239	117	63	200	224	184	195	202	172	117	147	59	119	53	278	3003	72	559	640	471	218	129	380	461	458	575	656	530	382	429	221	320	189	663	7293
..	..	1	2	5	2	14	12	13	24	35	15	12	10	9	12	3	7	174	..	..	1	5	3	5	26	29	33	62	97	51	49	43	24	29	8	25	490
..	1	1	5	2	5	66	92	69	70	76	38	32	43	25	19	8	20	563	..	2	8	7	6	10	141	244	248	285	315	199	136	131	74	69	16	50	1936
..	15	45	32	5	5	8	3	33	46	39	35	10	5	..	1	1	1	279	..	22	81	57	13	8	6	3	37	56	50	47	23	7	3	2	3	7	425
..	..	..	..	..	..	..	..	..	..	3	2	6	3	..	2	2	2	20	..	..	..	..	..	..	..	..	5	8	10	4	10	3	3	4	2	5	54
..	..	..	6	1	..	3	2	1	5	6	3	3	4	3	1	5	12	55	..	..	1	6	3	..	5	3	3	8	7	11	4	11	3	5	6	19	102
8	27	75	96	53	29	140	197	318	438	374	316	219	270	120	199	94	254	3227	8	52	138	190	111	53	226	280	461	678	675	607	445	557	278	433	189	536	6917
392	210	78	25	6	8	17	11	14	13	15	13	12	5	9	24	9	68	929	894	509	178	70	18	20	28	33	22	38	39	47	39	34	30	54	39	171	2272
..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	..	1	4
..	..	1	1	..	2	1	..	1	8	3	3	3	7	3	5	2	12	52	1	..	1	2	..	2	3	..	5	17	15	19	18	15	17	18	15	29	177
..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	3
65	204	301	227	82	31	72	88	77	78	95	73	61	86	41	106	46	720	2453	143	429	633	445	131	61	140	147	146	207	250	237	181	237	135	301	126	1382	5334
1	84	77	83	44	31	39	20	16	37	31	44	21	40	19	30	13	115	689	3	74	139	142	90	53	89	52	58	82	104	109	85	114	57	83	43	286	1618
..	4	21	16	18	11	33	8	3	15	18	17	9	17	8	11	10	51	270	..	10	38	37	45	32	50	18	16	42	54	66	47	56	37	33	24	133	737
1	14	24	47	35	19	17	10	7	12	11	5	14	7	14	13	4	19	271	8	21	45	95	70	30	39	18	18	33	48	53	56	36	56	46	19	64	755
1	..	..	1	..	..	1	1	..	3	1	2	1	2	..	3	2	5	23	1	..	1	1	1	2	3	1	2	7	2	6	5	9	3	8	8	18	84
..	..	..	..	..	..	..	..	3	48	92	78	79	32	17	5	1	2	357	..	..	..	..	..	..	..	..	3	48	92	78	81	87	18	6	8	..	4	370
4	5	4	3	1	4	2	4	1	4	..	2	1	..	2	4	..	6	48	6	11	9	5	2	6	9	6	1	7	13	10	7	5	6	10	2	13	128
1	2	..	1	..	..	..	..	..	..	1	1	1	..	1	1	..	3	12	1	3	..	1	..	..	..	..	..	1	..	1	2	2	2	3	3	4	4	27
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	31	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	31
513	208	42	20	2	3	1	..	3	3	9	13	2	2	5	..	..	..	856	1249	432	83	33	3	4	1	1	4	7	15	26	4	9	2	..	..	..	1881
..	..	1	..	..	..	2	5	10	3	2	2	..	..	..	..	..	..	25	..	..	1	1	..	..	..	4	7	22	10	13	9	3	1	4	1	1	77
..	..	..	..	5	1	7	4	1	2	3	4	5	1	2	4	3	46	..	2	..	4	5	2	10	7	3	6	11	17	17	13	7	17	7	37	165
..	..	..	3	1	..	3	2	2	1	2	3	3	1	1	2	3	28	4	..	..	4	2	1	10	10	10	17	10	18	7	10	6	10	5	15	139
..	..	..	2	..	..	1	2	2	2	1	2	3	3	..	..	..	4	34	..	..	..	2	1	1	5	8	19	14	26	11	3	2	1	4	1	9	106
1	..	..	..	..	..	1	..	1	..	1	..	..	..	..	..	..	..	4	1	1	..	..	..	..	1	..	1	..	3	6	5	3	1	1	..	..	23
1078	1145	1220	957	444	268	709	730	862	1124	1074	879	595	703	341	582	271	2115	16161	2438	2416	2424	1866	859	497	1339	1440	1708	2432	2628	2272	1646	1838	1052	1529	703	4389	33481
3	69	101	84	32	26	121	126	111	123	129	60	50	55	35	32	6	28	1191	6	129	197	161	67	48	247	329	310	425	480	276	190	184	140	100	24	76	3368
1075	1076	1119	873	412	237	588	613	751	1001	945	819	545	648	306	550	265	2087	13910	2127	2287	2227	1705	792	449	1092	1111	1368	2007	2148	1996	1456	1654	912	1429	679	4313	30083

DEATHS from different CAUSES in different Months

		MALES.																FEMALES.			
		1ST QUARTER.				2ND QUARTER.				3RD QUARTER.				4TH QUARTER.				1ST QUARTER.			
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	January.	February.	March.	Total.
GENERAL DISEASES.	A Small-pox	29	61	98	188	88	50	18	156	13	6	7	26	..	2	4	6	21	38	17	146
	A Measles	3	8	21	32	21	16	12	49	5	4	5	14	4	2	14	20	11	11	17	39
	A Fever. Enteric fever	..	..	1	1	3	2	..	5	8	2	1	11	6	1	1	8	..	..	1	1
	A Fever. Simple continued	43	36	45	124	63	46	39	148	42	51	51	144	59	52	97	208	32	37	36	105
	A Fever. Ague	11	13	9	33	14	10	5	29	3	8	11	22	10	20	16	46	10	18	8	36
	A Fever. Remittent fever	307	291	308	906	322	313	215	850	214	284	379	877	305	372	980	1657	183	204	208	595
	A Cholera	6	2	12	20	32	54	27	113	46	100	30	176	4	1	2	7	2	..	5	7
	A Bubonic Plague	..	..	..	..	..	..	..	..	..	..	63	63	224	193	893	1307	..	..	..	..
	A All other diseases classed under Section A of General Diseases	9	17	16	42	15	11	13	39	16	10	15	41	8	5	11	24	34	15	19	68
	B Leprosy	2	..	3	5	4	3	3	10	1	3	3	7	3	4	5	12	3	3	2	8
	B Dropsy	3	..	1	4	3	8	4	15	7	4	4	15	4	5	4	13	7	5	4	16
	B All other diseases classed under Section B of General Diseases	178	194	190	562	185	147	173	505	196	191	198	585	239	261	538	1038	187	216	235	638
LOCAL DISEASES.	Diseases of the Nervous system	103	85	123	311	113	94	103	310	125	115	123	363	132	108	119	359	64	54	84	202
	Diseases of the Eye, Ear and Nose	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	1	..	2	..	2
	Diseases of the Circulatory system	10	14	19	43	5	11	9	25	9	10	9	28	12	6	11	29	7	3	1	11
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	1
	Diseases of the Respiratory system	253	251	260	764	193	190	154	537	182	225	192	599	231	262	488	981	165	170	205	549
	Diseases of the Digestive system. Diarrhœa	66	63	72	201	70	62	78	210	84	128	66	278	68	47	120	235	40	36	44	120
	Diseases of the Digestive system. Dysentery	43	35	30	108	33	39	36	108	40	63	43	146	29	34	42	105	25	14	13	52
	Diseases of the Digestive system. All other diseases registered under Digestive system	38	21	35	94	34	28	37	99	37	47	46	130	41	55	65	161	16	15	20	51
	Diseases of the Urinary system	6	2	8	16	2	7	3	12	5	7	4	16	10	3	4	17	1	3	2	6
	Diseases of the Generative system	..	..	1	1	..	3	1	4	2	1	..	3	1	..	4	5	31	17	18	66
	Diseases of the Organs of Locomotion and Cellular Tissue	4	10	6	20	8	7	5	20	7	6	7	20	5	6	6	20	3	3	5	11
	Diseases of the Cutaneous system	1	2	..	3	..	1	2	3	1	4	1	6	..	2	1	3	..	..	..	..
Conditions not necessarily associated with General Diseases.	Still-born	76	55	83	214	66	79	66	211	94	102	93	289	80	84	68	232	60	43	57	160
	Premature Birth	1	1	2	4	1	..	1	2	..	..	2	2	..	1	3	4	2	1	1	4
	Old Age	28	33	37	98	34	9	31	74	25	26	32	83	34	32	60	126	27	45	27	99
	Debility	57	83	83	223	79	75	69	223	102	104	79	285	113	77	104	294	61	73	76	210
Accident and Violence.	Poisons	9	1	1	11	8	4	5	17	3	2	6	11	10	2	1	13	2	1	2	5
	General Injuries	10	12	11	33	8	7	7	22	5	18	12	35	8	8	13	29	3	5	4	12
	Local Injuries	6	9	9	24	8	13	8	29	6	14	8	28	10	8	12	30	4	2	2	8
	Drowning	2	9	6	17	3	3	8	14	4	7	12	23	6	5	7	18	1	..	..	1
Unspecified Causes		1	..	..	1	3	2	2	7	2	3	2	7	..	1	3	4	..	..	..	..
	Total	1305	1308	1490	4103	1418	1295	1134	3847	1281	1545	1504	4333	1660	1660	3698	7018	1002	1043	1184	3229
	All Causes, exclusive of Still-born	1229	1253	1407	3889	1352	1216	1068	3636	1190	1443	1411	4044	1580	1576	3625	6781	942	1000	1127	3069
	Cholera, Small-pox, Measles and Bubonic Plague	38	71	131	240	141	120	57	318	64	110	105	279	232	198	910	1340	34	49	109	192
	All other Causes	1191	1182	1276	3649	1211	1096	1011	3318	1126	1333	1206	3765	1348	1378	2715	5441	908	951	1018	2877

III.

arranged in Quarters for the Year beginning 1st January 1896.

FEMALES.												PERSONS.													
2ND QUARTER.				3RD QUARTER.				4TH QUARTER.				1ST QUARTER.				2ND QUARTER.				3RD QUARTER.				4TH QUARTER.				
April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	Year.
69	58	27	154	12	7	2	21	2	1	1	4	50	99	185	334	157	108	45	310	25	13	9	47	2	3	5	10	701
23	20	6	49	5	5	3	13	2	4	22	28	14	19	38	71	44	36	18	98	10	9	8	27	13	6	26	45	241
3	3	..	6	..	..	..	..	3	..	1	4	..	..	2	2	6	5	..	11	8	2	1	11	9	1	2	12	36
68	49	43	160	31	67	48	136	36	40	66	142	75	73	81	229	131	95	82	308	73	108	99	280	95	92	163	350	1167
12	25	14	51	5	13	12	30	11	10	12	33	21	31	17	69	26	35	19	80	8	21	23	52	21	30	28	79	250
318	249	195	762	208	213	245	666	212	231	537	980	490	495	516	1501	640	562	410	1612	422	497	624	1543	517	603	1517	2637	7293
11	29	27	67	36	43	17	96	3	1	..	4	8	2	17	27	43	83	54	180	82	143	47	272	7	2	2	11	490
..	..	..	..	....	..	16	16	89	80	381	550	..	..	..	..	..	..	..	..	..	..	79	79	313	273	1271	1857	1936
20	27	17	64	17	31	18	66	30	24	27	81	43	32	35	110	35	38	30	103	33	41	33	107	38	29	38	105	425
1	..	3	4	1	..	2	3	1	1	3	5	5	3	5	13	5	3	6	14	2	3	5	10	4	5	8	17	54
2	7	6	15	4	3	4	11	5	2	6	13	10	5	5	20	5	15	10	30	11	7	8	26	9	7	10	26	102
191	221	208	620	244	232	267	743	289	342	595	1226	365	410	425	1200	376	368	381	1125	440	423	465	1328	528	603	1133	2264	5917
68	64	52	184	84	93	83	260	87	111	85	283	167	139	207	513	181	158	155	494	209	208	206	623	219	219	204	642	2272
..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	..	1	..	1	..	..	..	..	..	1	..	1	4
7	3	4	14	6	2	3	11	5	3	8	16	17	17	20	54	12	14	13	39	15	12	12	39	17	9	19	45	177
..	..	..	..	1	..	..	1	..	..	..	..	..	..	1	1	..	..	..	..	1	..	..	1	1	..	..	1	3
172	199	159	530	177	190	201	568	228	213	365	806	418	430	465	1313	365	389	313	1067	359	415	393	1167	459	475	853	1787	5334
54	65	55	174	33	101	54	238	54	36	67	157	106	99	116	321	124	127	133	384	167	229	120	516	122	83	187	392	1618
24	18	18	60	22	38	24	84	22	13	39	74	68	49	43	160	57	57	54	168	62	101	67	230	51	47	81	179	737
22	20	15	57	25	27	33	85	23	23	32	78	54	36	55	145	56	48	52	156	62	74	79	215	64	78	97	239	755
2	3	1	6	..	2	3	5	1	1	4	6	7	5	10	22	4	10	4	18	5	9	7	21	11	4	8	23	84
20	19	17	56	23	29	19	71	44	54	66	164	31	17	19	67	20	22	18	60	25	30	19	74	45	54	70	169	370
1	6	5	12	4	5	2	11	5	7	2	14	7	13	11	31	9	13	10	32	11	11	9	31	13	13	8	34	128
1	..	2	3	3	1	....	4	2	1	2	5	1	2	..	3	1	1	4	6	4	5	1	10	2	3	3	8	27
48	61	60	169	49	67	66	182	46	51	44	141	136	98	140	374	114	140	126	380	143	169	159	471	126	135	112	373	1398
1	..	..	1	3	2	2	7	3	1	3	7	3	2	3	8	2	..	1	3	3	2	4	9	3	2	6	11	31
38	32	20	90	35	42	49	126	35	41	111	187	55	78	64	197	72	41	51	164	60	68	81	209	69	73	171	313	893
70	86	57	213	70	78	82	230	75	60	68	203	118	156	159	433	149	161	126	436	172	182	161	515	188	137	172	497	1881
3	2	3	8	3	1	3	7	3	2	..	5	11	2	3	16	11	6	8	25	6	3	9	18	13	4	1	18	77
3	3	2	8	1	5	7	13	7	2	4	13	13	17	15	45	11	10	9	30	6	23	19	48	15	10	17	42	165
4	1	3	8	3	2	..	5	..	3	4	7	10	11	11	32	12	14	11	37	9	16	8	33	10	11	16	37	139
5	2	2	9	2	3	6	11	3	5	5	13	3	9	6	18	8	5	10	23	6	10	18	34	9	10	12	31	106
..	..	..	....	1	1	..	2	1	1	..	2	1	..	..	1	3	2	2	7	3	4	2	9	1	2	3	6	23
1261	1272	1021	3554	1158	1293	1271	3722	1334	1364	2550	5248	2307	2351	2674	7332	2679	2567	2155	7401	2442	2838	2775	8055	2804	3024	6243	12261	35049
1213	1211	961	3385	1109	1226	1205	3540	1283	1813	2506	5107	2171	2253	2534	6958	2565	2427	2039	7021	2299	2669	2616	7584	2868	2889	6131	11888	33451
103	107	60	270	53	55	88	146	103	86	394	583	72	120	240	432	244	227	117	588	117	165	143	425	535	284	1304	1723	3368
1110	1104	901	3115	1056	1171	1167	3394	1185	1227	2112	4524	2099	2133	2294	6526	2321	2200	1912	6433	2182	2504	2473	7159	2533	2605	4827	9965	30083

X

NUMBER and PROPORTION of DEATHS from different CAUSES

	CAUSES OF DEATHS.	QUARTER 1ST.						QUARTER 2ND.					
		MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.	
		No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
GENERAL DISEASES.	A Fever. Small-pox	188	4·58	146	4·52	334	4·56	156	4·06	154	4·33	310	4·19
	A Fever. Measles	32	·78	39	1·21	71	·97	49	1·27	49	1·37	98	1·32
	A Fever. Enteric Fever	1	·02	1	·03	2	·03	5	·13	6	·17	11	·15
	A Fever. Simple Continued Fever	124	3·02	105	3·25	229	3·12	148	3·85	160	4·50	308	4·16
	A Fever. Ague	33	·80	36	1·11	69	·94	29	·75	51	1·44	80	1·08
	A Fever. Remittent Fever	906	22·08	595	18·43	1501	20·47	850	22·10	762	21·44	1612	21·78
	A Cholera	20	·49	7	·22	27	·37	113	2·94	67	1·89	180	2·43
	A All other diseases classed under Section A of General Diseases	42	1·02	68	2·11	110	1·50	39	1·01	64	1·80	103	1·39
	B Bubonic Plague	..	..	..	..	..	..	..	..	..	..	..	..
	B Leprosy	5	·12	8	·25	13	·18	10	·26	4	·11	14	·19
	B Dropsy	4	·10	16	·50	20	·27	15	·39	15	·42	30	·41
	B All other diseases classed under Section B of General Diseases	562	13·70	638	19·76	1200	16·36	505	13·13	620	17·45	1125	15·20
LOCAL DISEASES.	Diseases of the Nervous system	311	7·58	202	6·26	513	6·99	310	8·06	184	5·18	494	6·68
	Diseases of the Eye, Ear, and Nose	..	..	2	·06	2	·03	1	·03	..	..	1	·01
	Diseases of the Circulatory system	43	1·05	11	·34	54	·73	25	·65	14	·39	39	·53
	Diseases of the Absorbent system and ductless glands	..	..	1	·03	1	·01	..	..	..	..	..	..
	Diseases of the Respiratory system	764	18·62	549	17·00	1313	17·91	537	13·96	530	14·91	1067	14·42
	Diseases of the Digestive system. Diarrhœa	201	4·90	120	3·72	321	4·38	210	5·46	174	4·89	384	5·19
	Diseases of the Digestive system. Dysentery	108	2·63	52	1·61	160	2·18	108	2·81	60	1·69	168	2·27
	Diseases of the Digestive system. All other diseases registered under Digestive system	94	2·29	51	1·58	145	1·98	99	2·57	57	1·60	156	2·11
	Diseases of the Urinary system	16	·39	6	·19	22	·30	12	·31	6	·17	18	·24
	Diseases of the Generative system	1	·02	66	2·04	67	·91	4	·10	56	1·58	60	·81
	Diseases of the Organs of Locomotion and Cellular Tissue	20	·49	11	·34	31	·42	20	·52	12	·34	32	·43
	Diseases of the Cutaneous system	3	·07	..	..	3	·04	3	·08	3	·08	6	·08
Conditions not necessarily associated with General or Local Diseases.	Still-born	214	5·22	160	4·96	374	5·15	211	5·49	169	4·76	380	5·13
	Premature Birth	4	·10	4	·12	8	·11	2	·05	1	·03	3	·04
	Old Age	98	2·39	99	3·06	197	2·68	74	1·92	90	2·53	164	2·22
	Debility	223	5·44	210	6·50	433	5·90	223	3·80	213	5·99	436	5·89
Accident & Violence.	Poisons	11	·27	5	·15	16	·22	17	·44	8	·23	25	·34
	General Injuries	33	·80	12	·37	45	·61	22	·57	8	·23	30	·41
	Local Injuries	24	·59	8	·25	32	·43	29	·75	8	·23	37	·59
	Drowning	17	·42	1	·03	18	·24	14	·36	9	·25	23	·31
Unspecified Causes		1	·02	..	..	1	·01	7	·18	..	..	7	·09
	Total	4103	100·00	3229	100·00	7332	100·00	3847	100·00	3654	100·00	7401	100·00
Cholera, Small-pox, Measles and Bubonic Plague		240	6·17	192	6·26	432	6·21	318	8·75	270	7·98	588	8·38
All other Causes		3649	93·83	2877	93·74	6526	93·79	3318	91·25	3115	92·02	6433	91·62
All Causes, exclusive of Still-born		3889	100·00	3069	100·00	6958	100·00	3636	100·00	3385	100·00	7021	100·00

IX.

in different QUARTERS for the Year beginning 1st January 1896.

QUARTER 3RD.						QUARTER 4TH.						YEAR ENDING 31ST DECEMBER 1896.					
MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.	
No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
26	·60	21	·56	47	·58	6	·09	4	·08	10	·08	376	1·95	325	2·06	701	2·00
14	·32	13	·35	27	·34	20	·29	25	·48	45	·37	115	·59	126	·80	241	·69
11	·25	..	..	11	·14	8	·11	4	·08	12	·10	25	·13	11	·07	36	·10
144	3·32	136	3·65	280	3·48	208	2·97	142	2·71	350	2·85	624	3·23	543	3·45	1167	3·33
22	·51	30	·81	52	·65	46	·66	33	·63	79	·64	130	·67	150	·95	280	·80
877	20·23	666	17·89	1543	19·16	1657	23·63	980	18·67	2637	21·51	4290	22·23	3003	19·06	7293	20·81
176	4·06	96	2·58	272	3·38	7	·10	4	·08	11	·09	316	1·64	174	1·10	490	1·40
41	·95	66	1·77	107	1·33	24	·34	81	1·54	105	·86	146	·76	279	1·77	425	1·21
63	1·45	16	·43	79	·98	1307	18·64	550	10·48	1857	15·14	1370	7·10	566	5·52	1936	5·52
7	·16	3	·08	10	·12	12	·17	5	·10	17	·14	34	·17	20	·13	54	·15
15	·35	11	·30	26	·32	13	·19	13	·25	26	·21	47	·24	55	·35	102	·29
585	13·50	743	19·96	1328	16·49	1038	14·80	1226	23·36	2264	18·47	2690	13·95	3227	20·49	5917	16·88
363	8·38	260	6·99	623	7·73	359	5·12	283	5·39	642	5·24	1343	6·96	929	5·90	2272	6·48
..	..	..	..	..	..	1	·01	..	..	1	·01	2	·01	2	·01	4	·01
28	·65	11	·30	39	·48	29	·41	16	·30	45	·37	125	·65	52	·33	177	·51
..	..	1	·02	1	·01	1	·01	..	..	1	·01	1	·01	2	·01	3	·01
599	13·82	568	15·26	1167	14·49	981	13·99	806	15·36	1787	14·57	2381	14·23	2453	15·57	5384	15·22
278	6·42	238	6·39	516	6·41	235	3·35	157	2·99	392	3·20	924	4·79	689	4·37	1613	4·60
146	3·37	84	2·26	230	2·86	105	1·49	74	1·41	179	1·45	467	2·42	270	1·71	737	2·10
130	3·00	85	2·28	215	2·67	161	2·30	78	1·49	239	1·95	484	2·51	271	1·72	755	2·16
16	·37	5	·13	21	·26	17	·24	6	·11	23	·19	61	·32	23	·15	84	·24
3	·07	71	1·91	74	·92	5	·07	164	3·12	169	1·38	13	·07	357	2·27	370	1·06
20	·46	11	·30	31	·38	20	·29	14	·27	34	·28	80	·41	48	·30	128	·37
6	·14	4	·11	10	·12	3	·04	5	·10	8	·06	15	·08	12	·08	27	·08
289	6·67	182	4·89	471	5·85	232	3·31	141	2·69	373	3·04	946	4·90	652	4·14	1598	4·56
2	·05	7	·19	9	·11	4	·06	7	·13	11	·09	12	·06	19	·12	31	·09
83	1·92	126	3·39	209	2·59	126	1·80	187	3·56	313	2·55	381	1·97	502	3·19	883	2·52
285	6·58	230	6·18	515	6·39	294	4·19	203	3·86	497	4·05	1025	5·31	856	5·45	1881	5·37
11	·25	7	·19	18	·22	13	·19	5	·10	18	·15	52	·27	25	·16	77	·21
35	·81	13	·35	48	·60	29	·41	13	·25	42	·34	119	·62	46	·29	165	·47
28	·65	5	·13	33	·41	30	·43	7	·13	37	·30	111	·58	28	·18	139	·39
23	·53	11	·30	34	·42	18	·24	13	·25	31	·25	72	·37	34	·22	106	·30
7	·16	2	·05	9	·11	4	·06	2	·03	6	·05	19	·10	4	·03	23	·07
4333	100·00	3722	100·00	8055	100·00	7013	100·00	5248	100·00	12261	100·00	19296	100·00	15753	100·00	35049	100·00
279	6·90	146	4·12	425	5·60	1340	19·76	583	11·42	1923	16·18	2177	11·86	1191	7·89	3368	10·07
3765	93·10	3394	95·88	7159	94·40	5441	80·24	4524	88·58	9965	83·82	16173	88·14	13910	92·11	30083	89·93
4044	100·00	3540	100·00	7584	100·00	6781	100·00	5107	100·00	11888	100·00	18350	100·00	15101	100·00	33451	100·00

X

NUMBER AND PROPORTION OF DEATHS FROM EPIDEMIC AND FROM

beginning 1st

CAUSES OF DEATHS.	Quarter 1st.								Quarter 2nd.					
	January.		February.		March.		Quarter.		April.		May.		June.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
Small-pox	50	69·45	99	82·50	185	77·08	334	77·31	157	64·35	108	47·58	45	38·46
Measles	14	19·44	19	15·83	38	15·84	71	16·34	44	18·03	36	15·86	18	15·39
Cholera	8	11·11	2	1·67	17	7·08	27	6·25	43	17·62	83	36·56	54	46·15
Bubonic Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Causes	72	100·00	120	100·00	240	100·00	432	100·00	244	100·00	227	100·00	117	100·00
Fever	586	27·92	599	28·08	616	26·85	1801	27·60	803	34·60	697	31·68	511	26·72
Nervous system	167	7·96	139	6·52	207	9·02	513	7·86	181	7·80	138	6·28	155	8·11
Respiratory do.	418	19·91	430	20·16	465	20·27	1313	20·12	365	15·72	389	17·68	313	16·37
Diarrhœa	106	5·05	99	4·64	116	5·06	321	4·92	124	5·34	127	5·77	133	6·96
Dysentery	68	3·24	49	2·30	43	1·88	160	2·45	57	2·46	57	2·59	54	2·82
Other Causes not Epidemic	754	35·92	817	38·30	847	36·92	2418	37·05	791	34·08	792	36·00	746	39·02
All Causes except Epidemic	2099	100·00	2133	100·00	2294	100·00	6526	100·00	2321	100·00	2200	100·00	1912	100·00
Epidemic Causes	72	3·32	120	5·33	240	9·47	432	6·21	244	9·51	227	9·35	117	5·77
All other Causes	2099	96·68	2133	94·67	2294	90·53	6526	93·79	2321	90·49	2200	90·65	1912	94·23
All Causes except Still-born	2171	100·00	2253	100·00	2534	100·00	6958	100·00	2565	100·00	2427	100·00	2029	100·00

X.

ORDINARY CAUSES in the several Months and Quarters for the Year January 1896.

		Quarter 3rd.								Quarter 4th.							
Quarter.		July.		August.		September.		Quarter.		October.		November.		December.		Quarter.	
No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
310	52·72	25	21·37	13	7·88	9	6·29	47	11·06	2	0·60	3	1·06	5	0·38	10	0·52
98	16·67	10	8·54	9	5·45	8	5·59	20	6·35	13	3·88	6	2·11	26	2·00	45	2·34
180	30·61	82	70·09	143	85·67	47	32·87	279	64·00	7	2·09	2	0·70	2	0·15	11	0·57
...	...	...	...	...	...	79	55·25	79	18·59	313	93·43	273	96·13	1271	97·47	1857	96·57
588	100·00	117	100·00	165	100·00	143	100·00	425	100·00	335	100·00	284	100·00	1304	100·00	1923	100·00
2011	31·26	511	23·42	628	25·08	747	30·21	1886	26·35	642	25·34	726	27·87	1710	35·43	3078	30·89
474	7·37	209	9·58	208	8·31	206	8·33	623	8·70	219	8·65	219	8·41	204	4·23	642	6·44
1067	16·59	359	16·45	415	16·57	393	15·98	1167	16·30	459	18·12	475	18·23	853	17·67	1787	17·93
384	5·97	167	7·65	229	9·15	120	4·85	516	7·21	122	4·82	83	3·19	187	3·87	392	3·93
168	2·61	62	2·84	101	4·03	67	2·71	230	3·21	51	2·01	47	1·80	81	1·68	179	1·80
2329	36·23	874	40·06	923	36·86	940	38·01	2737	38·23	1040	41·06	1055	40·50	1792	37·12	3887	39·01
6433	100·00	2182	100·00	2504	100·00	2473	100·00	7159	100·00	2533	100·00	2605	100·00	4827	100·00	9965	100·00
588	8·37	117	5·09	165	6·18	143	5·47	425	5·60	335	11·68	284	9·83	1304	21·27	1923	16·18
6433	91·63	2182	94·91	2504	93·82	2473	94·53	7159	94·40	2533	88·32	2605	90·70	4827	78·73	9965	83·82
7021	100·00	2299	100·00	2669	100·00	2616	100·00	7584	100·00	2868	100·00	2889	100·00	6131	100·00	11888	100·00

PROPORTION of MALE to FEMALE DEATHS from different Causes

		Quarter 1st.		
		Males.	Females.	Males to 100 Females.
General Diseases — A	Small-pox	188	146	128·76
	Measles	32	39	82·05
	Fever — Enteric fever	1	1	100·00
	Fever — Simple continued	124	105	118·09
	Fever — Ague	33	36	91·66
	Fever — Remittent fever	906	595	152·24
	Cholera	20	7	285·71
	Bubonic Plague	...	...	...
	All other diseases classed under Section A of General Diseases	42	68	61·76
General Diseases — B	Leprosy	5	8	62·50
	Dropsy	4	16	25·00
	All other diseases classed under Section B of General Diseases	562	638	88·08
Local Diseases	Diseases of the Nervous system	311	202	153·96
	" Eye, Ear, and Nose	...	2	...
	" Circulatory system	43	11	390·90
	" Absorbent system and Ductless Glands	...	1	...
	" Respiratory system	764	549	139·16
	Diseases of the Digestive system. — Diarrhœa	201	120	167·50
	Diseases of the Digestive system. — Dysentery	108	52	207·69
	Diseases of the Digestive system. — All other diseases registered under Digestive system	94	51	184·31
	Diseases of the Urinary system	16	6	266·66
	" Generative system	1	66	1·51
	" Organs of Locomotion and Cellular Tissue	20	11	181·81
	" Cutaneous system	3	...	...
Conditions not necessarily associated with General or Local Diseases	Still-born	214	160	133·75
	Premature Birth	4	4	100·00
	Old Age	98	99	98·98
	Debility	223	210	106·19
Accident and Violence	Poisons	11	5	220·00
	General Injuries	33	12	275·00
	Local Injuries	24	8	300·00
	Drowning	17	1	1,700·00
Unspecified Causes		1	...	...
	Total.....	4,103	3,229	127·06
	Cholera, Small-pox, Measles and Bubonic Plague	240	192	125·00
	All other Causes	3,649	2,877	126·83
	All Causes, exclusive of Still-born	3,889	3,069	126·71

I.

in different Quarters for the Year beginning 1st January 1896.

Quarter 2nd.			Quarter 3rd.			Quarter 4th.			Year ending 31st December 1894.		
Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.
156	154	101·29	26	21	123·80	6	4	150·00	376	325	115·69
49	49	100·00	14	13	107·69	20	25	80·00	115	126	91·26
5	6	83·33	11	...	...	8	4	200·00	25	11	227·27
148	160	92·50	144	136	105·88	208	142	146·47	624	543	114·91
29	51	56·86	22	30	73·33	46	33	139·39	130	150	86·66
850	762	111·54	877	666	131·68	1,657	980	169·08	4,290	3,003	142·85
113	67	168·65	176	96	183·33	7	4	175·00	316	174	181·60
...	...	...	63	16	393·75	1,307	550	237·63	1,370	566	242·04
39	64	60·93	41	66	62·12	24	81	29·62	146	279	52·32
10	4	40·00	7	3	233·33	12	5	240·00	34	20	170·00
15	15	100·00	15	11	136·36	13	13	100·00	47	55	85·45
505	620	81·45	585	743	78·73	1,038	1226	84·66	2,690	3,227	83·35
310	184	168·47	363	260	139·61	359	283	126·85	1,343	929	144·56
1	...	...	...	...	...	1	...	...	2	2	100·00
25	14	56·00	28	11	254·54	29	16	181·25	125	52	240·38
...	...	...	...	1	...	1	...	...	1	2	50·00
537	530	101·32	599	568	105·45	981	806	121·71	2,881	2,453	117·44
210	174	120·68	278	238	116·80	235	157	149·68	924	689	134·10
108	60	180·00	146	84	173·80	105	74	141·89	467	270	172·96
99	57	173·68	130	85	152·94	161	78	206·41	484	271	178·59
12	6	200·00	16	5	320·00	17	6	283·33	61	23	265·21
4	56	7·14	3	71	4·22	5	164	3·04	13	357	3·64
20	12	166·66	20	11	181·81	20	14	142·85	80	48	166·66
3	3	100·00	6	4	150·00	3	5	60·00	15	12	125·00
211	169	124·85	289	182	158·79	232	141	164·53	946	652	145·09
2	1	200·00	2	7	28·57	4	7	57·14	12	19	63·15
74	90	82·22	83	126	65·87	126	187	67·37	381	502	75·89
223	213	104·69	285	230	123·91	294	203	144·82	1,025	856	119·74
17	8	212·50	11	7	157·14	13	5	260·00	52	25	208·00
22	8	275·00	35	13	269·23	29	13	223·07	119	46	258·69
29	8	362·50	28	5	560·00	30	7	428·57	111	28	396·42
14	9	155·55	23	11	209·09	18	13	138·46	72	34	211·76
7	...	...	7	2	350·00	4	2	200·00	19	4	475·00
3,847	3,554	108·24	4,333	3,732	116·41	7,013	5,248	133·63	19,296	15,753	122·49
318	270	117·77	279	146	191·09	1340	583	229·84	2,177	1,191	182·78
3,318	3,115	106·51	3,765	3,394	110·93	5,441	4,524	120·26	16,173	13,912	116·26
3,636	3,385	107·41	4,044	3,540	114·23	6,781	5,107	132·77	18,350	15,101	121·51

XX

NUMBER and PROPORTION of DEATHS in different MONTHS

Months.	Small-pox.		Measles.		Cholera.		Bubonic Plague.		Small-pox, Measles, Cholera and Bubonic Plague.		Fever.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
JANUARY ...	50	7·13	14	5·81	8	1·63	...	...	72	2·14	586	6·68
FEBRUARY.	99	14·12	19	7·89	2	·41	...	...	120	3·56	599	6·83
MARCH	185	26·39	38	15·77	17	3·47	...	...	240	7·13	616	7·02
APRIL.....	157	22·40	44	18·26	43	8·78	...	...	244	7·24	803	9·15
MAY.....	108	15·41	36	14·94	83	16·94	...	...	227	6·74	697	7·94
JUNE	45	6·42	18	7·47	54	11·02	...	...	117	3·47	511	5·82
JULY	25	3·57	10	4·15	82	16·73	...	...	117	3·47	511	5·82
AUGUST.....	13	1·86	9	3·73	143	29·18	...	...	165	4·90	628	7·16
SEPTEMBER	9	1·28	8	3·32	47	9·59	79	4·08	143	4·25	747	8·51
OCTOBER ...	2	·29	13	5·39	7	1·43	313	16·17	335	9·95	642	7·32
NOVEMBER	3	·42	6	2·49	2	·41	273	14·10	284	8·43	726	8·27
DECEMBER	5	·71	26	10·78	2	·41	1,271	65·65	1,304	38·72	1,710	19·48
Total...	701	100·00	241	100·00	490	100·00	1,936	100·00	3,368	100·00	8,776	100·00

II.

from different Causes for the Year beginning 1st January 1896.

Diseases of the Nervous System.		Diseases of the Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes, except Epidemic.		All Causes, except Still-born.	
No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
167	7·41	418	7·84	106	6·57	68	9·24	754	6·63	2,099	6·98	2,171	6·49
139	6·17	430	8·06	99	6·14	49	6·66	817	7·18	2,133	7·09	2,253	6·73
207	9·19	465	8·72	116	7·19	43	5·84	847	7·45	2,294	7·63	2,534	7·57
181	8·04	365	6·85	124	7·69	57	7·74	791	6·96	2,321	7·72	2,565	7·67
138	6·13	389	7·29	127	7·87	57	7·74	792	6·96	2,200	7·31	2,427	7·26
155	6·88	313	5·87	133	8·25	54	7·34	746	6·56	1,912	6·36	2,029	6·07
209	9·28	359	6·73	167	10·35	62	8·42	874	7·69	2,182	7·25	2,299	6·87
208	9·24	415	7·78	229	14·20	101	13·73	923	8·12	2,504	8·32	2,669	7·98
206	9·15	393	7·37	120	7·44	67	9·10	940	8·27	2,473	8·22	2,616	7·82
219	9·73	459	8·60	122	7·56	51	6·93	1,040	9·15	2,533	8·42	2,868	8·57
219	9·73	475	8·90	83	5·15	47	6·25	1,055	9·28	2,605	8·66	2,889	8·64
204	9·05	853	15·99	187	11·59	81	11·01	1,792	15·75	4,827	16·04	6,131	18·33
2,252	100·00	5,334	100·00	1,613	100·00	737	100·00	11,371	100·00	30,083	100·00	33,451	100·00

XXIII.

DEATHS in different RACES and CASTES in different Months arranged in Quarters in the Year beginning from 1st January 1896.

MONTHS.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus of Low Castes.	Mussulman.	Parsees.	Jews.	Native Christians and Goanese.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Castes.	All Castes and Races.	Asarcophagous Castes.	Sarcophagous Castes.	Still-born.	Total.
MALES.																				
January	51	54	5	12	570	100	316	47	8	43	6	12	5	...	...	1,229	122	1,107	76	1,305
February	59	42	4	13	597	125	293	45	2	54	8	7	4	...	...	1,253	118	1,135	55	1,308
March	62	53	3	14	662	152	349	47	5	41	11	7	...	1	...	1,407	132	1,275	83	1,490
Quarter 1st..	172	149	12	39	1,829	377	958	139	15	138	25	26	9	1	...	3,889	372	3,517	214	4,103
April	69	47	5	13	621	141	318	62	6	50	3	14	3	...	...	1,352	134	1,218	66	1,418
May	62	54	3	14	599	97	242	69	6	43	6	16	2	3	...	1,216	133	1,023	79	1,295
June	44	36	1	18	481	95	268	62	6	37	9	7	4	...	...	1,068	99	969	66	1,134
Quarter 2nd..	175	137	9	45	1,701	333	828	193	18	130	18	37	9	3	...	3,636	366	3,270	211	3,847
July	44	38	6	12	569	108	273	62	5	43	4	18	7	1	...	1,190	100	1,090	94	1,284
August	55	40	5	11	703	119	356	68	5	50	9	15	5	2	...	1,443	111	1,332	102	1,545
September	80	65	1	19	746	86	298	49	6	39	7	10	4	...	1	1,411	165	1,246	93	1,504
Quarter 3rd..	179	143	12	42	2,018	313	927	179	16	132	20	43	16	3	1	4,044	376	3,668	289	4,333
October	135	67	2	26	792	97	341	49	8	37	8	15	2	1	...	1,580	230	1,350	80	1,660
November	97	68	1	14	766	113	407	42	10	41	5	10	2	...	...	1,576	180	1,396	84	1,660
December	196	139	11	19	1,849	243	912	106	12	110	12	9	7	...	...	3,625	365	3,260	68	3,693
Quarter 4th..	428	274	14	59	3,407	453	1,660	197	30	188	25	34	11	1	...	6,781	775	6,006	232	7,013
FEMALES.																				
January	37	36	1	10	427	111	229	37	9	29	4	9	3	...	...	942	84	858	60	1,002
February	46	35	1	13	455	94	269	35	4	33	7	6	2	...	...	1,000	95	905	43	1,043
March	43	50	1	15	518	129	278	50	6	28	3	5	1	...	...	1,127	109	1,018	57	1,184
Quarter 1st..	126	121	3	38	1,400	334	776	122	19	90	14	20	6	...	...	3,069	288	2,781	160	3,229

April	44	44	2	14	584	142	262	55	7	36	6	11	6	...	...	1,213	104	1,109	48	1,261
May	45	44	5	13	598	115	275	59	6	39	4	6	2	...	...	1,211	107	1,104	61	1,272
June	44	44	1	11	443	77	232	51	6	40	3	7	2	...	...	961	100	861	60	1,021
Quarter 2nd..	133	132	8	38	1,625	334	769	165	19	115	13	24	10	...	...	3,385	311	3,074	169	3,554
July	52	34	1	9	518	93	272	57	11	45	6	9	2	...	...	1,109	96	1,013	94	1,158
August	44	42	2	7	584	145	281	53	10	39	7	9	3	...	...	1,226	95	1,131	67	1,293
September	64	50	4	11	558	118	303	49	6	37	3	...	2	...	...	1,205	129	1,076	66	1,271
Quarter 3rd..	160	126	7	27	1,660	356	856	159	27	121	16	18	7	...	...	3,540	320	3,220	182	3,722
October	73	43	1	18	614	100	324	58	11	30	3	10	2	...	1	1,288	135	1,153	46	1,334
November	68	48	2	15	626	92	382	40	9	26	5	3	7	...	...	1,313	123	1,190	51	1,364
December	81	51	5	21	1,273	166	742	82	3	56	13	4	7	1	1	2,506	158	2,348	44	2,550
Quarter 4th..	212	142	8	54	2,513	358	1,448	180	23	112	21	17	16	1	2	5,107	416	4,691	141	5,248

PERSONS.

January	88	90	6	22	997	211	545	84	17	72	10	21	8	...	...	2,171	206	1,965	136	2,307
February	105	77	5	26	1,052	219	562	80	6	87	15	13	6	...	...	2,253	213	2,040	98	2,351
March	105	103	4	29	1,180	281	627	97	11	69	14	12	1	1	...	2,534	241	2,293	140	2,674
Quarter 1st..	298	270	15	77	3,229	711	1,734	261	34	228	39	46	15	1	...	6,958	660	6,298	374	7,332
April	113	91	7	27	1,205	283	580	117	13	86	9	25	9	...	...	2,565	238	2,327	114	2,679
May	107	98	8	27	1,197	212	517	128	12	82	10	22	4	3	...	2,427	240	2,187	140	2,567
June	88	80	2	29	924	172	500	113	12	77	12	14	6	...	...	2,029	199	1,830	126	2,155
Quarter 2nd..	308	269	17	83	3,326	667	1,597	358	37	245	31	61	19	3	...	7,021	677	6,344	380	7,401
July	96	72	7	21	1,087	201	545	119	16	88	10	27	9	1	...	2,299	196	2,103	143	2,442
August	99	82	7	18	1,287	264	637	121	15	89	16	24	8	2	...	2,669	206	2,463	169	2,838
September	144	115	5	30	1,304	204	601	98	12	76	10	10	6	...	1	2,616	294	2,322	159	2,775
Quarter 3rd..	339	269	19	69	3,678	669	1,783	338	43	253	36	61	23	3	1	7,584	696	6,888	471	8,055
October	208	110	3	44	1,406	197	665	107	19	67	11	25	4	1	1	2,868	365	2,503	126	2,994
November	155	116	3	29	1,392	205	789	82	19	67	10	13	9	...	...	2,889	303	2,586	135	3,024
December	277	190	16	40	3,122	409	1,654	188	15	166	25	13	14	1	1	6,131	523	5,608	112	6,243
Quarter 4th..	640	416	22	113	5,920	811	3,108	377	53	300	46	51	27	2	2	11,888	1,191	10,697	373	12,261
Year...	1,585	1,224	73	342	16,153	2,858	8,222	1,334	167	1,026	152	219	84	9	3	33,451	3,224	30,227	1,598	35,049

XXIV.

NUMBER and PROPORTION of DEATHS from different Causes in different RACES AND CASTES for the Year beginning 1st January 1896.

RACES AND CASTES.		Small-pox.		Measles.		Cholera.		Bubonic Plague.		Small-pox, Measles, Cholera and Plague.		Fever.		Diseases of the Nervous System.		Diseases of the Respiratory System.		Diarrhœa.		Dysentery		Other Causes not Epidemic.		All Causes, except Epidemic.		All Causes, except Still-born.	
		No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
Asarco-phagous.	Jains	29	4·14	6	2·49	9	1·84	208	10·74	252	7·48	458	5·21	132	5·81	215	4·03	55	3·41	17	2·31	456	4·02	1,333	4·43	1,585	4·74
	Brahmins	32	4·57	11	4·56	9	1·84	90	4·65	142	4·22	375	4·27	96	4.23	140	2·62	61	3·78	28	3·80	382	3·37	1,082	3·60	1,224	3 66
	Lingaets	1	·14	1	·42	2	·41	6	·31	10	·30	11	·13	6	·26	11	·21	9	·56	2	·27	24	·21	63	·21	79	·22
	Bhatias	...	...	1	·42	...	...	23	1·19	24	·71	77	·88	32	1·41	57	1·07	14	·87	4	·54	134	1·18	318	1·06	342	1·02
Sarcophagous.	Hindus of other castes	393	56·06	112	46·47	326	66·53	1190	61·47	2,021	60·00	4729	53·89	931	40·98	2181	40·89	778	48·23	357	48·44	5,156	45·42	14,132	46·98	16153	48·29
	Hindu low-castes	72	10·27	26	10·79	44	8·98	112	5·78	254	7·54	790	9·00	94	4·14	559	10·49	170	10·54	94	12·75	897	7·90	2,604	8·66	2,858	8·54
	Mussulman	105	14·98	54	22·40	47	9·59	154	7·95	360	10·69	1644	18·73	654	28·79	1794	33·63	352	21·82	87	11·80	3,331	29·34	7,862	26·13	8,222	24·58
	Parsees	23	3·28	12	4·98	19	3·87	67	3·46	121	3·59	320	3·65	206	9·07	129	2·42	35	2·17	89	12·08	434	3·82	1,213	4·03	1,334	3·98
	Jews	...	...	3	1·24	4	·82	10	·52	17	·50	39	·44	21	·92	28	·52	12	·75	1	·14	49	·43	150	·50	167	·50
	Native Christians	33	4·71	13	5·39	25	5·10	70	3·62	141	4·19	259	2·95	49	2·16	172	3·22	93	5·77	35	4·75	277	2·44	885	2·94	1,026	3·06
	Eurasians	4	·57	1	·42	4	·82	4	·21	13	·39	26	·30	18	·79	13	·24	11	·68	9	1·22	62	·55	139	·46	152	·46
	Europeans	8	1·14	...	...	1	·20	1	·05	10	·30	35	·40	21	1·05	16	·30	17	1·05	13	1·76	104	·92	209	·69	219	·66
	Negro-Africans	1	·14	...	...	...	...	1	·05	2	·06	12	·14	9	·39	17	·32	5	·31	...	...	40	·35	83	·28	85	·26
	Buddhists	...	...	1	·42	...	...	...	...	1	·03	1	·01	...	...	2	·04	1	·06	...	...	3	·03	7	·02	8	·02
Other and unknown Castes.		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	·14	2	·02	3	·01	3	·01
All Races and Castes...		701	100·00	241	100·00	490	100·00	1936	100·00	3,368	100·00	8776	100·00	2272	100·00	5334	100·00	1613	100·00	737	100·00	11351	100·00	30083	100·00	33451	100·00
Asarcophagous		62	8·85	19	7·88	20	4·08	327	16·89	428	12·71	921	10·49	266	11·71	423	7·93	139	8·62	51	6·92	996	8·78	2,796	9·30	3,224	9·64
Sarcophagous		639	91·15	222	92·12	470	95·92	1609	83·11	2,940	87·29	7855	89·51	2006	88·29	4911	92·07	1474	91·38	686	93·08	10355	91·22	27287	90·70	30227	9·436

XXV.

PROPORTION OF MALE TO FEMALE DEATHS in different RACES and CASTES in different QUARTERS for the Year beginning 1st January 1896.

	Races and Castes.	Quarter 1st.			Quarter 2nd.			Quarter 3rd.			Quarter 4th.			Year ending 31st December 1896.		
		Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.
Asarcophagous.	Jains	172	126	136·50	175	133	131·57	179	160	111·87	428	212	201·88	954	631	151·18
	Brahmins	149	121	123·13	137	132	103·78	143	126	113·49	274	142	192·95	703	521	134·93
	Lingaets	12	3	400·00	9	8	112·50	12	7	171·42	14	8	175·00	47	26	180·76
	Bhatias	39	38	102·63	45	38	118·42	42	27	155·55	59	54	109·25	185	157	117·83
Sarcophagous.	Hindus of other castes	1,829	1,400	130·64	1,701	1,625	104·66	2,018	1,660	121·55	3,407	2,513	135·57	8,955	7,198	124·40
	Hindus, low castes	377	334	112·87	333	334	99·70	313	356	87·92	453	358	126·53	1,476	1,382	106·80
	Mussulmans	958	776	123·45	828	769	107·67	927	856	108·29	1,660	1,448	114·64	4,373	3,849	113·61
	Parsees	139	122	113·93	193	165	116·96	179	159	112·57	197	180	109·44	708	626	113·09
	Jews	15	19	78·94	18	19	94·73	16	27	59·25	30	23	130·43	79	88	89·77
	Native Christians	138	90	153·33	130	115	113·04	132	121	109·09	188	112	167·85	588	438	134·24
	Eurasians	25	14	178·57	18	13	138·46	20	16	125·00	25	21	119·04	88	64	137·50
	Europeans	26	20	130·00	37	24	154·16	43	18	238·88	34	17	200·00	140	79	177·21
	Negro-Africans	9	6	150·00	9	10	90·00	16	7	228·57	12	16	75·00	46	39	117·94
	Chinese	1	...	...	3	...	...	3	...	...	...	1	...	7	1	700·00
	Other and unknown Castes	...	...	...	...	...	...	1	...	...	...	2	...	1	2	50·00
	All Races and Castes...	3,889	3,069	126·71	3,636	3,385	107·41	4,044	3,540	114·23	6,781	5,107	132·77	18,350	15,101	121·51
	Asarcophagous	372	288	129·16	366	311	117·68	376	320	117·50	775	416	186·29	1,889	1,335	141·49
	Sarcophagous	3,517	2,781	126·46	3,270	3,074	106·37	3,668	3,220	113·91	6,006	4,691	128·03	16,461	13,766	119·57

XXVI.

DEATHS at different AGES in different MONTHS arranged in Quarters for the Year beginning 1st January 1896.

MONTHS.	AGES.																	All Ages, exclusive of Still-born.	Still-born.	Total.
	Days.	Months.		Years.																
	1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over			
MALES.																				
January	78	101	83	65	29	17	31	21	34	86	68	92	78	71	51	79	43	202	1,229	76	1,305
February	86	117	77	84	41	22	36	20	32	72	87	78	66	96	48	76	36	179	1,253	55	1,308
March	99	132	120	97	38	25	45	53	41	67	92	84	87	86	48	78	28	187	1,407	83	1,490
Quarter 1st	263	350	280	246	108	64	112	94	107	225	247	254	231	253	147	233	107	568	3,889	214	4,103
April	105	117	123	108	43	8	46	24	46	83	125	78	60	77	54	61	26	168	1,352	66	1,418
May	90	117	132	78	33	20	34	35	45	78	107	75	48	67	46	62	23	126	1,216	79	1,295
June	99	92	103	55	26	10	31	17	24	66	69	78	66	58	41	65	27	141	1,068	66	1,134
Quarter 2nd	294	326	358	241	102	38	111	76	115	227	301	231	174	202	141	188	76	435	3,636	211	3,847
July	153	93	117	72	23	19	34	30	30	66	69	66	59	72	37	62	33	155	1,190	94	1,284
August	153	90	88	66	44	31	42	34	40	89	111	106	92	94	63	64	43	193	1,443	102	1,545
September	135	105	104	76	26	10	30	38	70	76	128	130	88	86	51	57	35	166	1,411	93	1,504
Quarter 3rd	441	288	309	214	93	60	106	102	140	231	308	302	239	252	151	183	111	514	4,044	289	4,333
October	141	125	107	63	33	14	40	59	85	123	121	127	89	88	50	88	38	189	1,580	80	1,660
November	98	87	80	64	23	18	61	84	104	132	137	117	86	96	63	86	34	201	1,576	84	1,660
December	118	95	70	81	56	40	200	286	295	370	440	362	232	244	134	169	66	367	3,625	68	3,693
Quarter 4th	357	307	257	208	112	72	301	429	484	625	698	606	407	428	252	343	138	757	6,781	232	7,013
FEMALES.																				
January	68	94	86	58	36	15	35	31	43	68	57	57	32	42	14	41	16	149	942	60	1,002
February	82	108	91	68	33	16	43	29	48	51	69	48	27	50	24	39	17	157	1,000	43	1,043
March	80	133	129	88	40	23	45	28	53	79	58	59	33	59	13	40	14	153	1,127	57	1,184
Quarter 1st	230	335	306	214	109	54	123	88	144	198	184	164	92	151	51	120	47	459	3,069	160	3,229

April	73	115	146	104	49	24	55	32	58	90	80	58	53	41	30	43	12	150	1,213	48	1,261
May	79	107	130	108	33	22	47	48	73	90	82	72	35	47	24	42	17	155	1,211	61	1,272
June	81	68	93	76	28	21	39	29	61	72	80	46	40	38	20	37	17	115	961	60	1,021
Quarter 2nd	233	290	369	288	110	67	141	109	192	252	242	176	128	126	74	122	46	420	3,385	169	3,554
July	116	89	94	89	36	23	38	40	57	91	67	59	41	45	24	45	24	131	1,109	49	1,158
August	124	69	100	92	40	27	51	40	68	92	82	74	61	39	36	42	23	166	1,226	67	1,293
September	111	86	99	71	32	14	51	41	72	77	90	74	50	53	31	53	23	177	1,205	66	1,271
Quarter 3rd	351	244	293	252	108	64	140	121	197	260	239	207	152	137	91	140	70	474	3,540	182	3,722
October	98	109	103	68	32	19	61	57	74	104	97	68	45	69	34	55	28	167	1,288	46	1,334
November	87	82	71	46	38	20	84	72	91	110	101	73	65	69	25	55	23	201	1,313	51	1,364
December	79	85	78	89	47	39	160	292	164	200	211	191	113	151	66	90	57	394	2,506	44	2,550
Quarter 4th	264	276	252	203	117	78	305	421	329	414	409	332	223	289	125	200	108	762	5,107	141	5,248
PERSONS.																					
January	146	195	169	123	65	32	66	52	77	154	125	149	110	113	65	120	59	351	2,171	136	2,307
February	168	225	168	152	74	38	79	49	80	123	156	126	93	146	72	115	53	330	2,253	98	2,351
March	179	265	249	185	78	48	90	81	94	146	150	143	120	145	61	118	42	340	2,534	140	2,674
Quarter 1st	493	685	586	460	217	118	235	182	251	423	431	418	323	404	198	353	154	1,027	6,958	374	7,332
April	178	232	269	212	92	32	101	56	104	173	205	136	113	118	84	104	38	318	2,565	114	2,679
May	169	224	262	186	66	42	81	83	118	168	189	147	83	114	70	104	40	281	2,427	140	2,567
June	180	160	196	131	54	31	70	46	85	138	149	124	106	96	61	102	44	256	2,029	126	2,155
Quarter 2nd	527	616	727	529	212	105	252	185	307	479	543	407	302	328	215	310	122	855	7,021	380	7,401
July	269	182	211	161	59	42	72	70	87	157	136	125	100	117	61	107	57	286	2,299	143	2,442
August	277	159	188	158	84	58	93	74	108	181	193	180	153	133	99	106	66	359	2,669	169	2,838
September	246	191	203	147	58	24	81	79	142	153	218	204	138	139	82	110	58	343	2,616	159	2,775
Quarter 3rd	792	532	602	466	201	124	246	223	337	491	547	509	391	389	242	323	181	988	7,584	471	8,055
October	239	234	210	131	65	33	101	116	159	227	218	195	134	157	84	143	66	356	2,868	126	2,994
November	185	169	151	110	61	38	145	156	195	242	238	190	151	165	93	141	57	402	2,889	135	3,024
December	197	180	148	170	103	79	360	578	459	570	651	553	345	395	200	259	123	761	6,131	112	6,243
Quarter 4th	621	583	509	411	229	150	606	850	813	1,039	1,107	938	630	717	377	543	246	1,519	11,888	373	12,261
Year	2,433	2,416	2,424	1,866	859	497	1,339	1,440	1,708	2,432	2,628	2,272	1,646	1,838	1,032	1,529	703	4,389	33,451	1,598	35,049

XXVII.

NUMBER and PROPORTION of DEATHS at different AGES from different CAUSES for the Year beginning 1st January 1896.

AGES.	Small-pox.		Measles.		Cholera.		Bubonic Fever.		Smallpox, Measles, Cholera and Bubonic Plague.		Fevers.		Diseases of Nervous System.		Diseases of Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes, except Epidemic.		All Causes, except Still-born.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
Days 1 to 30 ...	6	·86	...	...	...	...	...	...	6	·18	77	·88	894	39·35	143	2·68	3	·19	...	...	1310	11·54	2,427	8·07	2,433	7·27
Months 1 to 6 ...	118	16·83	9	3·73	...	...	2	·10	129	3·83	720	8·20	509	22·40	429	8·04	74	4·59	10	1·35	545	4·80	2,287	7·60	2,416	7·22
„ 7 to 12 ...	127	18·12	66	27·39	1	·20	3	·15	197	5·85	879	10·02	178	7·83	633	11·87	139	8·62	38	5·16	360	3·17	2,227	7·40	2,424	7·25
Years 1 to 2 ...	72	10·27	77	31·95	5	1·02	7	·36	161	4·78	608	6·93	70	3·08	445	8·34	142	8·80	37	5·02	403	3·55	1,705	5·67	1,866	5·58
„ 2 to 3 ...	22	3·14	36	14·94	3	·61	6	·31	67	1·99	297	3·39	18	·79	131	2·46	90	5·58	45	6·11	211	1·86	792	2·63	859	2·57
„ 3 to 4 ...	16	2·28	17	7·06	5	1·02	10	·52	48	1·43	174	1·98	20	·88	61	1·14	53	3·29	32	4·34	109	·96	449	1·49	497	1·49
„ 5 to 9 ...	58	8·27	22	9·13	26	5·31	141	7·28	247	7·33	467	5·32	28	1·23	140	2·63	89	5·52	50	6·78	318	2·80	1,092	3·63	1,339	4·00
„ 10 to 14 ...	50	7·13	6	2·49	29	5·92	244	12·60	329	9·77	517	5·89	33	1·45	147	2·76	52	3·22	18	2·44	344	3·03	1,111	3·69	1,440	4·30
„ 15 to 19 ..	56	7·99	3	1·24	33	6·73	248	12·81	340	10·10	522	5·95	22	·97	146	2·74	38	2·36	15	2·03	625	5·51	1,368	4·55	1,708	5·11
„ 20 to 24 ...	77	10·99	1	·41	62	12·65	285	14·72	425	12·62	669	7·62	38	1·67	207	3·88	82	5·08	42	5·70	969	8·54	2,007	6·67	2,432	7·27
„ 25 to 29 ...	46	6·56	2	·83	97	19·80	315	16·27	460	13·66	748	8·52	39	1·72	250	4·69	104	6·45	54	7·33	973	8·58	2,168	7·21	2,628	7·86
„ 30 to 34 ...	24	3·42	2	·83	51	10·41	199	10·28	276	8·19	604	6·88	47	2·07	237	4·44	109	6·76	66	8·96	933	8·22	1,996	6·63	2,272	6·79
„ 35 to 39 ...	14	2·00	...	...	49	10·00	136	7·03	199	5·91	443	5·05	39	1·72	181	3·39	85	5·27	47	6·37	652	5·74	1,447	4·81	1,646	4·92
„ 40 to 44 ...	10	1·43	...	...	43	8·78	131	6·77	184	5·46	505	5·76	34	1·50	237	4·44	114	7·06	56	7·60	708	6·23	1,654	5·50	1,838	5·49
„ 45 to 49 ...	1	·14	...	...	24	4·90	74	3·82	99	2·94	251	2·86	39	1·72	135	2·53	57	3·53	37	5·02	414	3·64	933	3·10	1,032	3·09
„ 50 to 54 ...	3	·43	...	...	29	5·92	69	3·57	101	3·00	365	4·16	54	2·38	304	5·70	83	5·14	33	4·48	589	5·19	1,428	4·75	1,529	4·57
„ 55 to 59 ...	...	...	...	...	8	1·63	16	·83	24	·71	160	1·82	39	1·72	126	2·36	43	2·67	24	3·26	287	2·53	679	2·26	703	2·10
Over 60 years ...	1	·14	...	...	25	5·10	50	2·58	76	2·25	770	8·77	171	7·52	1382	25·91	256	15·87	133	18·05	1601	14·11	4,313	14·34	4,389	13·12
All Ages...	701	100·00	241	100·00	490	100·00	1936	100·00	3368	100·00	8776	100·00	2272	100·00	5334	100·00	1613	100·00	737	100·00	11351	100·00	30083	100·00	33451	100·00

XXVIII.

PROPORTION of MALE to FEMALE DEATHS in different Quarters for the Year beginning 1st January 1896.

Ages.	Quarter 1st.			Quarter 2nd.			Quarter 3rd.			Quarter 4th.			Year ending 31st December 1896.		
	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.
Days 1 to 30	263	230	114·34	294	233	126·18	441	351	125·64	357	264	135·22	1,355	1,078	125·69
Months 1 to 6	350	335	104·47	326	290	112·41	288	244	118·03	307	276	111·23	1,271	1,145	111·00
„ 7 to 12	280	306	91·50	358	369	97·01	309	293	105·46	257	252	101·98	1,204	1,220	98·68
Years 1 to 2	246	214	114·95	241	288	83·68	214	252	84·92	208	203	102·46	909	957	94·98
„ 2 to 3	108	109	99·08	102	110	92·72	93	108	86·11	112	117	95·72	415	444	93·46
„ 3 to 4	64	54	118·51	38	67	56·71	60	64	93·75	72	78	92·30	234	263	88·97
„ 5 to 9	112	123	91·05	111	141	76·55	106	140	75·71	301	305	98·68	630	709	88·85
„ 10 to 14	94	88	106·81	76	109	69·72	102	121	84·29	429	421	101·90	701	739	94·85
„ 15 to 19	107	144	74·30	115	192	59·89	140	197	71·06	484	329	147·11	846	862	98·14
„ 20 to 24	225	198	113·63	227	252	90·07	231	260	88·84	625	414	150·96	1,308	1124	116·37
„ 25 to 29	247	184	124·23	301	242	124·37	308	239	128·87	698	409	170·66	1,554	1074	144·69
„ 30 to 34	254	164	154·87	231	176	131·25	302	207	145·89	606	332	182·53	1,393	879	158·47
„ 35 to 39	231	92	251·08	174	128	135·93	239	152	157·23	407	223	182·51	1,051	595	176·63
„ 40 to 44	253	151	167·54	202	126	160·31	252	137	183·94	428	289	148·09	1,135	703	161·45
„ 45 to 49	147	51	288·23	141	74	190·54	151	91	165·93	252	125	201·60	691	341	202·63
„ 50 to 54	233	120	194·16	188	122	154·09	183	140	130·71	343	200	171·50	947	582	162·71
„ 55 to 59	107	47	227·65	76	46	165·21	111	70	158·57	138	108	127·77	432	271	159·40
Over 60 years	568	459	123·74	435	420	103·57	514	474	108·43	757	762	99·34	2,274	2,115	107·51
All Ages...	3,889	3,069	126·71	3,636	3,385	107·41	4,044	3,540	114·23	6,781	5,107	132·77	18,350	15,101	121·52

NUMBER and PROPORTION of DEATHS in different Localities from different CAUSES for the Year beginning 1st January 1896.

Ward.	LOCALITIES. Section of District.	Small-pox.		Measles.		Cholera.		Bubonic Plague.		Small-pox, Measles, Cholera and Bubonic Plague.		Fever.		Diseases of Nervous System.		Diseases of Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes except Epidemic.		All Causes except Still-born.	
		No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
A	Upper Colaba...	...	...	...	...	1	·20	1	·05	2	·06	11	·13	16	·70	13	·24	8	·50	23	3·12	88	·33	109	·36	111	·33
	Middle & Lower Colaba.....	7	1·00	3	1·25	4	·82	77	3·98	91	2·70	176	2·01	40	1·76	55	1·03	25	1·55	5	·68	133	1·17	434	1·44	525	1·57
	Fort, Southern.	...	...	...	...	1	·20	2	·10	3	·09	5	·06	1	·04	4	·08	2	·12	...	...	6	·05	18	·06	21	·06
	„ Northern.	30	4·28	5	2·08	7	1·43	46	2·38	88	2·61	289	3·29	110	4·84	171	3·21	42	2·60	34	4·61	352	3·10	998	3·32	1,086	3·25
	Esplanade	7	1·00	...	...	3	·61	1	·05	11	·33	71	·81	13	·57	32	·60	10	·62	7	·95	40	·35	173	·58	184	·55
B	Mandvi	85	4·99	12	4·98	16	3·27	308	15·91	371	11·02	582	6·63	185	8·14	254	4·76	65	4·03	16	2·17	472	4·16	1,574	5·23	1,945	5·81
	Chukla	21	3·00	14	5·81	8	1·63	58	3·00	101	3·00	374	4·26	123	5·41	339	6·36	35	2·17	18	2·44	550	4·85	1,439	4·78	1,540	4·60
	Umarkhadi ...	26	3·71	14	5·81	16	3·27	84	4·34	140	4·16	580	6·61	212	9·33	560	10·50	94	5·83	35	4·75	1008	8·88	2,489	8·27	2,629	7·86
	Dongri	30	4·28	8	3·32	35	7·15	95	4·91	168	4·99	404	4·60	56	2·47	176	3·30	64	3·97	27	3·66	362	3·19	1,089	3·62	1,257	3·76
C	Market	40	5·71	11	4·56	20	4·08	87	4·49	158	4·69	435	4·96	125	5·50	202	3·79	35	2·17	24	3·26	421	3·71	1,242	4·13	1,400	4·19
	Dhobi Talao ...	49	6·99	20	8·30	39	7·96	110	5·68	218	6·47	435	4·96	147	6·47	221	4·14	64	3·97	56	7·60	553	4·87	1,476	4·91	1,694	5·06
	Fanaswadi	20	2·85	9	3·73	10	2·04	32	1·65	71	2·11	204	2·33	72	3·17	92	1·73	24	1·49	20	2·71	198	1·74	610	2·02	681	2·04
	Bhuleshwar ...	26	3·71	6	2·49	10	2·04	68	3·51	110	3·27	311	3·55	119	5·24	259	4·86	36	2·23	27	3·66	633	5·55	1,385	4·60	1,495	4·47
	Khara Talao ...	12	1·71	14	5·81	5	1·02	51	2·63	82	2·44	387	4·38	110	4·84	310	5·81	48	2·98	5	·68	520	4·58	1,380	4·59	1,462	4·37
	Kumbharwada.	35	4·99	6	2·49	21	4·29	83	4·29	145	4·31	443	5·05	92	4·05	229	4·29	61	3·78	22	2·99	532	4·69	1,379	4·58	1,524	4·56
	Khetwadi	18	2·57	4	1·66	7	1·43	48	2·48	77	2·29	215	2·45	72	3·17	121	2·27	46	2·85	27	3·66	333	2·93	814	2·71	891	2·66
D	Girgaum.....	34	4·85	7	2·71	32	6·53	42	2·17	115	3·41	286	3·26	121	5·33	135	2·53	51	3·16	37	5·02	438	3·86	1,063	3·55	1,183	3·54
	Chaupati	4	·57	4	1·66	5	1·02	7	·36	20	·59	76	·87	29	1·28	37	·69	11	·68	7	·95	62	·55	222	·74	242	·72
	Walkeshwar ...	1	·14	...	...	4	·82	5	·26	10	·30	79	·90	14	·62	50	·94	10	·62	6	·82	80	·70	239	·79	249	·74
	Mahalakshmi...	9	1·28	1	·41	1	·20	7	·36	18	·53	85	·97	14	·62	40	·75	19	1·18	12	1·63	112	·99	282	·94	300	·90
	Mazagon	20	2·85	10	4·15	30	6·12	93	4·80	153	4·54	477	5·44	53	2·33	138	2·59	46	2·85	27	3·66	458	4·03	1,199	3·99	1,352	4·04
	Tarwadi	17	2·43	3	1·25	17	3·47	20	1·03	57	1·69	217	2·47	36	1·59	77	1·44	51	3·16	16	2·17	259	2·28	656	2·18	713	2·13
	2nd Nagpada...	32	4.56	11	4·56	10	2·04	29	1·50	82	2·44	245	2·79	89	3·92	218	4·09	61	3·78	12	1·63	571	5·03	1,196	3·98	1,278	3·82
E	Kamathipura...	15	2·14	16	6·64	28	5·71	227	11·73	286	8·49	468	5·33	80	3·52	318	5·96	107	6·63	38	5·16	682	6·01	1,693	5·63	1,979	5·92
	Tardeo	26	3·71	13	5·39	16	3·27	31	1·60	86	2·55	235	2·68	60	2·64	143	2·68	64	3·97	25	3·39	312	2·75	839	2·79	925	2·77
	Byculla	65	9·27	21	8·71	37	7·55	88	4·55	211	6·26	481	5·48	110	4·84	382	7·18	141	8·74	45	6·11	811	7·14	1,971	6·55	2,182	6·52
	1st Nagpada ...	22	3·14	11	4·56	1	·20	27	1·39	61	1·81	94	1·07	44	1·94	75	1·48	16	·99	7	·95	149	1·31	389	1·29	450	1·35
F	Parel	25	3·57	5	2·08	28	5·71	23	1·19	81	2·40	304	3·46	30	1·32	125	2·34	54	3·35	20	2·71	295	2·60	828	2·75	909	2·72
	Sewri	5	·71	...	...	2	·41	13	·67	20	·59	94	1·07	18	·79	20	·37	11	·68	5	·68	37	·33	185	·62	205	·61
	Sion.....	9	1·28	2	·83	9	1·84	5	·26	25	·74	173	1·97	10	·44	117	2·19	72	4·47	22	2·99	102	·90	496	1·65	521	1·56
G	Mahim	7	1·00	2	·83	9	1·84	12	·62	30	·89	198	2·26	12	·53	183	3·43	68	4·22	41	5·56	172	1·52	674	2·24	704	2·10
	Worli	33	4·71	8	3·32	25	5·10	41	2·12	107	3·18	267	3·04	21	·92	176	3·30	96	5·95	37	5·02	255	2·25	852	2·83	959	2·87
Water Division		2	·29	...	...	30	6·12	2	·10	34	1·01	28	·82	...	...	4	·08	...	...	2	·27	24	·21	58	·19	92	·27
Non-resident and Unknown		19	2·71	1	·41	3	·61	113	5·84	136	4·04	47	·54	38	1·67	53	·99	76	4·71	32	...	381	3·36	627	2·09	763	2·28
	TOTAL...	701	100·00	241	100·00	490	100·00	1936	100·00	3368	100·00	8,776	100·00	2272	100·00	5334	100 00	1613	100·00	737	100·00	11351	100·00	30083	100·00	33451	100·00

DEATHS at different AGES in different LOCALITIES during the year beginning 1st January 1896.

MALES.	A						B					C							D							E							F				G					
Ages.	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khotwadi.	Girgaum.	Chanpati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-resident and Unknown.	TOTAL.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2				
Days 1 to 30	4	25	1	35	6	71	64	53	34	59	260	56	73	32	49	53	66	329	32	60	12	20	15	140	51	34	36	68	53	118	24	384	35	14	17	66	29	49	78	..	27	1,355
Months 1 to 6	2	9	0	47	5	63	93	72	90	58	313	55	47	17	56	72	65	312	35	36	7	14	13	105	59	40	58	47	34	92	17	347	35	9	22	66	24	33	57	..	8	1,271
„ 7 to 12	4	14	..	44	4	66	75	63	98	64	300	64	60	33	54	65	48	324	29	40	11	5	9	94	45	35	49	38	43	76	21	307	36	8	14	58	18	28	46	1	8	1,204
Years 1 to 2	2	15	..	35	2	54	81	49	90	33	203	47	52	16	42	42	40	239	36	37	7	4	11	95	26	20	25	36	29	70	12	218	26	4	19	49	13	30	43	..	3	909
„ 2 to 3	0	2	1	14	3	20	14	25	26	21	86	16	18	3	15	16	22	90	14	20	2	3	4	43	11	8	15	23	20	32	6	115	22	..	11	33	12	14	26	..	2	415
„ 3 to 4	0	4	..	6	2	12	14	12	17	9	52	10	13	1	7	7	9	47	9	10	1	2	3	25	12	4	9	12	10	30	6	73	4	..	7	11	6	8	14	..	..	234
„ 5 to 9	1	15	..	21	2	39	35	27	43	24	129	22	35	14	25	23	28	150	18	17	5	5	7	52	32	9	20	45	13	39	6	164	19	8	11	38	20	31	51	..	7	630
„ 10 to 14	0	16	..	22	1	39	50	38	49	26	163	30	29	14	28	25	37	163	17	24	2	3	4	50	28	12	25	61	21	46	7	200	18	7	8	33	11	25	36	2	15	701
„ 15 to 19	2	15	1	32	4	54	73	39	75	21	208	43	48	16	23	36	34	200	14	29	6	6	5	60	43	16	19	40	25	52	11	206	21	8	7	36	14	36	50	9	23	846
„ 20 to 24	10	26	2	41	14	92	88	52	97	54	291	51	77	28	61	43	64	324	34	40	10	6	12	102	48	31	43	82	31	72	20	329	40	5	16	61	23	29	52	12	45	1,308
„ 25 to 29	11	21	2	36	22	92	101	57	99	61	318	81	70	34	58	45	78	366	51	56	16	16	21	160	71	32	45	113	52	84	13	410	38	6	18	62	24	48	72	8	66	1,554
„ 30 to 34	12	29	0	33	11	85	64	47	99	58	268	53	50	26	62	57	72	320	34	41	11	12	18	116	74	23	41	97	48	91	11	385	37	15	19	71	26	34	60	20	68	1,393
„ 35 to 39	9	21	1	39	9	79	67	39	64	33	203	37	53	17	42	39	51	239	19	31	7	8	8	73	52	19	42	61	25	55	20	274	38	6	10	54	25	28	53	7	69	1,051
„ 40 to 44	4	19	..	38	10	71	67	36	92	24	219	44	46	26	55	56	61	288	21	33	7	8	6	75	59	28	48	80	27	62	13	317	29	11	17	57	28	27	55	9	44	1,135
„ 45 to 49	5	17	3	35	3	63	37	37	50	21	145	32	44	15	32	27	34	184	14	28	7	7	5	61	24	13	20	39	12	25	9	152	12	2	4	18	16	16	32	3	33	691
„ 50 to 54	3	13	1	34	4	55	54	40	80	21	195	30	47	18	58	36	41	230	24	40	2	5	8	79	33	14	43	63	29	69	1	252	24	5	12	41	24	21	45	8	44	947
„ 55 to 59	..	4	1	23	1	29	29	15	24	16	84	31	28	9	25	19	16	128	13	14	5	6	3	41	19	7	9	19	8	10	4	76	18	2	2	22	17	12	29	2	21	432
Over 60 years	7	37	2	87	8	141	103	123	216	53	495	96	113	46	119	115	74	563	65	71	25	21	20	202	84	42	127	181	50	138	25	597	49	12	40	101	58	42	100	10	65	2,274
All Ages..	76	301	15	622	111	1125	1059	824	1393	656	3932	798	903	365	811	778	841	4496	480	627	143	151	172	1573	771	387	676	1055	530	1161	226	4806	501	122	254	877	388	511	899	89	553	18,350

XXXI.

DEATHS at different AGES in different LOCALITIES during the Year beginning 1st January 1896.

FEMALES.	A						B						C							D						E								F				G					
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.		Mandvi.	Chukla.	Umarkhadi.	Dongri.		Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.		Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.		Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.		Parel.	Sewri.	Sion.		Mahim.	Worli.		Water Division.	Non-resident and Unknown.	TOTAL.
Ages.	1	2	3	4	5	Total.	1	2	3	4	Total.	1	2	3	4	5	6	Total.	1	2	3	4	5	Total.	1	2	3	4	5	6	7	Total.	1	2	3	Total.	1	2	Total.			
Days 1 to 30	4	15	..	34	13	66	54	39	71	47	211	32	57	35	29	43	52	248	34	55	10	5	7	111	35	34	35	57	46	83	20	310	27	4	22	53	27	30	57	..	22	1,078
Months 1 to 6	3	18	..	39	3	63	96	58	95	50	299	45	55	21	55	51	42	269	24	38	5	5	9	81	59	40	35	53	32	72	14	305	33	7	22	62	21	34	55	..	11	1,145
„ 7 to 12	1	19	..	31	6	57	89	53	94	55	291	58	72	27	38	52	71	318	44	40	6	7	8	105	58	41	45	39	41	83	26	333	34	7	21	62	15	35	50	1	3	1,220
Years 1 to 2	3	14	..	39	5	61	59	51	70	36	216	52	61	21	45	50	42	271	27	26	11	9	15	88	21	20	23	42	32	74	14	225	34	4	20	58	12	22	34	..	4	957
„ 2 to 3	1	8	..	10	2	21	18	17	42	20	97	24	18	8	15	13	19	97	14	17	5	2	1	39	12	10	20	23	22	35	9	131	13	4	10	27	13	17	30	..	2	444
„ 3 to 4	1	..	..	7	..	8	10	10	19	14	53	8	10	2	7	15	11	53	11	8	4	1	2	26	8	7	11	14	10	26	4	80	12	3	8	23	10	7	17	..	3	263
„ 5 to 9	1	10	..	15	8	34	39	26	51	27	143	18	43	11	25	33	22	152	11	34	4	3	8	60	36	14	33	56	20	59	14	332	13	6	10	29	18	30	48	..	11	709
„ 10 to 14	..	19	..	11	1	31	38	48	73	32	191	31	41	11	27	40	32	182	17	23	2	6	5	53	35	13	26	55	18	40	10	197	19	3	15	37	12	29	41	..	7	739
„ 15 to 19	1	12	..	25	2	40	55	48	72	28	203	38	45	21	63	51	40	258	24	37	3	8	7	79	30	14	32	53	16	42	12	199	23	2	6	31	20	21	41	..	11	862
„ 20 to 24	1	17	2	33	11	64	85	77	88	39	289	47	56	19	55	59	40	276	28	50	5	9	4	96	39	21	54	66	24	59	9	272	35	5	12	52	17	34	51	..	24	1,124
„ 25 to 29	3	20	..	21	7	51	50	54	82	44	230	47	49	20	47	59	52	274	30	34	7	3	13	87	42	18	47	66	24	82	18	297	28	8	24	60	21	35	56	..	19	1,074
„ 30 to 34	3	7	..	25	5	40	54	36	73	38	201	31	46	23	41	40	37	217	29	23	5	7	3	67	24	18	47	65	26	61	17	258	18	6	17	41	19	12	31	..	24	879
„ 35 to 39	1	6	3	9	1	20	34	19	46	28	127	18	25	10	31	21	28	133	17	18	6	5	8	54	36	10	24	58	14	40	7	189	15	6	8	29	11	16	27	..	16	595
„ 40 to 44	1	12	1	21	..	35	40	27	62	32	161	33	20	13	31	38	43	178	14	30	4	6	3	57	25	10	29	39	14	61	15	193	11	4	10	25	24	16	40	..	14	703
„ 45 to 49	..	9	..	12	1	22	23	16	25	20	84	18	21	5	14	12	14	84	7	14	3	2	2	29	9	7	16	22	8	15	3	80	5	2	5	12	9	13	22	..	8	341
„ 50 to 54	3	10	..	26	1	40	29	22	52	15	118	18	37	13	24	21	33	146	18	17	5	2	3	45	21	13	26	48	11	35	4	158	15	3	15	33	10	19	29	..	13	582
„ 55 to 59	..	3	..	16	..	19	15	18	18	7	58	14	24	7	20	9	7	81	12	8	2	2	4	28	7	2	10	18	2	12	2	53	6	..	4	10	9	6	15	1	6	271
Over 60 years....	8	25	..	90	7	130	98	97	203	69	467	70	111	50	117	77	98	523	50	84	12	16	25	187	84	34	90	160	35	142	26	561	67	9	38	114	48	72	120	1	12	2,115
All Ages ..	35	224	6	464	73	802	886	716	1236	601	3439	602	791	316	684	684	683	3760	411	550	99	98	128	1292	581	326	602	924	395	1021	224	4073	408	83	267	758	316	448	764	8	210	15101

XXXII.

DEATHS at different AGES in different LOCALITIES during the Year beginning 1st January 1896.

Persons.	A						B					C							D						E								F				G			Water Division.	Non-Resident and Unknown.	Total.
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.		Mandvi.	Chaukta.	Umarkhadi.	Dongri.		Markot.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.		Khotwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.		Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.		Parel.	Sewri.	Sion.		Mahim.	Worli.				
Ages.	1	2	3	4	5	Total.	1	2	3	4	Total.	1	2	3	4	5	6	Total.	1	2	3	4	5	Total.	1	2	3	4	5	6	7	Total.	1	2	3	Total.	1	2	Total.			
Days 1 to 30	8	40	1	69	19	137	118	92	155	106	471	88	130	67	78	96	118	577	67	115	22	25	22	251	86	68	71	125	99	201	44	694	62	18	39	119	56	79	135	..	49	2,433
Months 1 to 6	5	27	..	81	8	126	182	130	185	108	612	100	102	38	111	123	107	581	58	74	12	19	22	186	118	80	93	100	66	164	31	652	68	16	44	128	45	67	112	..	19	2,416
„ 7 to 12	5	33	..	75	10	123	164	116	192	119	591	122	132	60	92	117	119	642	73	80	17	12	17	199	103	76	94	77	84	169	47	640	70	15	35	120	33	63	96	2	11	2,424
Years 1 to 2	5	29	..	74	7	115	90	100	160	69	419	98	113	37	87	92	82	510	63	63	18	13	26	183	47	40	47	78	61	144	26	443	60	8	39	107	25	52	77	..	12	1,866
„ 2 to 3	1	10	1	24	5	41	32	42	68	41	183	40	36	11	30	29	41	187	28	37	7	5	5	82	23	18	35	46	42	67	15	246	35	4	21	60	25	31	56	..	4	859
„ 3 to 4	1	4	..	13	2	20	24	22	36	23	105	18	23	3	14	22	20	100	20	18	5	3	5	51	20	11	20	26	20	46	10	153	16	3	15	34	16	15	31	..	3	497
„ 5 to 9	2	25	..	36	10	73	74	53	94	51	272	40	78	25	50	58	51	302	29	51	9	8	15	112	68	23	53	101	33	98	20	396	32	14	21	67	38	61	99	..	18	1,339
„ 10 to 14	..	35	..	33	2	70	88	86	122	58	354	61	70	25	55	65	69	345	34	47	4	9	9	103	63	25	51	116	39	86	17	397	37	10	23	70	23	54	77	2	22	1,440
„ 15 to 19	3	27	1	57	6	94	128	87	147	49	411	81	93	37	86	87	74	458	38	66	9	14	12	139	73	30	51	93	41	94	23	405	44	10	13	67	34	57	91	9	34	1,708
„ 20 to 24	11	42	4	74	25	156	173	129	185	93	580	98	133	47	116	102	104	600	62	90	15	15	16	198	87	52	99	148	55	131	29	601	75	10	28	113	40	63	103	12	69	2,432
„ 25 to 29	14	41	2	57	29	143	151	111	181	105	548	128	119	54	105	104	130	640	81	90	23	19	34	247	113	50	92	179	76	166	31	707	66	14	42	122	45	83	128	8	55	2,628
„ 30 to 34	15	36	..	58	16	125	118	83	172	96	469	84	96	48	103	97	109	537	63	64	16	19	21	183	98	41	88	162	74	152	28	643	55	21	36	112	45	46	91	20	92	2,272
„ 35 to 39	10	27	4	48	10	99	101	58	110	61	330	55	78	27	73	60	79	372	36	49	13	13	16	127	88	29	66	119	39	95	27	463	53	12	18	83	36	44	80	7	85	1,646
„ 40 to 44	5	31	1	59	10	106	107	63	154	56	380	77	66	39	86	94	104	466	35	63	11	14	9	132	84	38	77	119	41	123	28	510	40	15	27	82	52	43	95	9	58	1,838
„ 45 to 49	5	26	3	47	4	85	60	53	75	41	229	50	65	20	46	39	48	268	21	42	10	9	8	90	33	20	36	61	20	50	12	232	17	4	9	30	25	29	54	3	41	1,032
„ 50 to 54	6	23	1	60	5	95	83	62	132	36	313	48	84	31	82	57	74	376	42	57	7	7	11	124	54	27	69	111	40	10½	5	410	39	8	27	74	34	40	74	6	57	1,529
„ 55 to 59	..	7	1	39	1	48	44	33	47	23	142	45	52	16	45	28	23	209	25	22	7	8	7	69	26	9	19	37	10	22	6	129	24	2	6	32	26	18	44	3	27	703
„ 60 and over..	15	62	2	177	15	271	201	220	419	122	962	166	224	96	236	192	172	1086	115	155	37	37	45	389	168	76	217	281	85	280	51	1158	116	21	78	215	106	114	220	11	77	4,389
All Ages..	111	525	21	1086	184	1927	1945	1540	2629	1257	7371	1400	1694	681	1495	1462	1524	8256	891	1183	242	249	300	2865	1352	713	1278	1979	925	2182	450	8679	909	205	521	1635	704	959	1663	92	763	38,451

XXXIII.

DEATHS at different LOCALITIES in different MONTHS arranged in Quarters for the Year beginning 1st January 1896.

MALES.	A						B					C							D						E								F				G							
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chuckla.	Oomarkhadi.	Dongri.	Total.	Markot.	Dhobi Talao.	Panaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total, exclusive of Still-born.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2						
January	13	16	1	45	10	85	60	63	93	34	250	57	81	33	47	55	44	317	35	29	8	10	21	113	53	35	54	68	37	85	16	348	49	15	15	79	33	37	70	8	35	1,805	76	1,229
February	5	13	2	45	14	79	53	70	97	44	264	44	67	18	55	55	53	292	36	51	11	7	15	120	59	19	55	81	49	94	21	378	41	5	23	69	32	37	69	6	31	1,808	55	1,253
March	7	25	1	49	20	102	70	53	102	44	269	67	78	31	71	63	70	380	43	54	14	17	20	148	60	35	49	83	57	93	22	399	33	9	27	69	33	43	76	11	36	1,490	83	1,407
Quarter 1st ..	25	54	4	139	44	266	183	186	292	122	783	168	226	82	173	173	167	989	114	144	33	34	56	381	172	89	158	232	143	272	59	1125	123	29	65	217	98	117	215	25	102	4,103	214	3,889
April	9	20	1	65	16	111	59	51	98	41	249	69	71	27	47	64	63	341	29	42	10	6	19	106	55	34	74	72	45	98	17	395	47	8	31	89	21	40	61	16	50	1,418	66	1,352
May	2	19	2	46	12	81	54	46	86	29	215	65	68	32	52	55	54	326	35	52	15	16	12	130	49	26	47	64	45	98	19	343	39	12	23	74	36	46	82	10	34	1,295	79	1,216
June	3	15	1	49	3	71	45	40	93	27	205	49	48	23	59	49	42	270	31	45	10	18	5	109	55	18	39	59	30	80	13	294	39	6	23	61	34	45	79	7	38	1,134	66	1,068
Quarter 2nd ..	14	54	4	160	31	263	158	137	277	97	669	183	187	82	158	168	159	937	95	139	35	40	36	345	159	78	160	195	120	271	49	1032	118	26	80	224	91	131	222	33	122	3,847	211	3,636
July	7	11	..	36	6	60	58	50	102	68	278	54	64	32	57	50	51	308	29	51	15	7	18	120	55	40	54	48	44	68	14	323	41	12	19	72	30	56	86	..	37	1,284	94	1,190
August	14	20	1	53	13	101	77	66	99	60	302	60	78	27	59	63	74	361	44	62	10	19	9	144	48	40	49	85	58	109	8	397	46	13	19	78	42	50	92	11	59	1,545	102	1,443
September	4	14	1	40	7	66	174	72	90	56	393	65	79	36	74	65	75	394	37	47	9	7	16	116	62	37	38	57	28	79	15	316	49	10	15	74	30	42	72	7	66	1,504	93	1,411
Quarter 3rd ..	25	45	2	129	26	227	309	189	291	184	973	179	221	95	190	178	200	1063	110	160	34	33	43	380	165	117	141	190	130	256	37	1036	136	35	53	224	102	148	250	18	162	4,333	289	4,044
October	6	49	1	52	4	112	212	70	123	85	490	68	64	24	69	62	78	365	44	53	6	14	11	128	66	31	55	79	38	97	12	378	38	7	18	63	31	37	68	1	55	1,660	80	1,580
November	3	53	1	48	5	110	123	93	169	78	463	65	72	35	57	55	72	356	42	49	10	22	25	148	68	26	74	91	40	92	21	412	36	7	29	72	30	28	58	3	38	1,660	84	1,576
December	6	59	3	120	9	197	130	196	313	112	751	169	180	67	198	178	196	988	96	113	31	21	16	277	190	61	124	317	83	228	55	1058	80	25	36	141	54	80	134	9	138	3,693	68	3,625
Quarter 4th..	15	161	5	220	18	419	465	359	605	275	1704	302	316	126	324	295	346	1709	182	215	47	57	52	553	324	118	253	487	161	417	88	1848	154	39	83	276	115	145	260	13	231	7,013	232	6,781
Year ..	79	314	15	648	119	1175	1115	871	1465	678	4129	832	950	385	845	814	872	4698	501	658	149	164	187	1659	820	402	712	1104	554	1216	233	5041	531	129	281	941	408	541	947	89	617	19,296	..	..
Still-born	3	12	..	26	8	50	56	47	72	22	197	34	47	20	34	36	31	202	21	31	6	13	15	86	49	15	36	49	24	55	7	235	30	7	27	64	18	30	48	..	64	..	946	..
Total, exclusive of Still-born	76	301	15	622	111	1125	1059	824	1393	656	3932	798	903	365	811	778	841	4496	480	627	143	151	172	1573	771	387	676	1055	520	1161	226	4806	501	122	254	877	388	511	899	89	553	..	..	18,350

XXXIV.

DEATHS at different LOCALITIES in different MONTHS, arranged in Quarters, for the Year beginning 1st January 1896.

FEMALES.	A						B					C							D						E							F				G						
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Funaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total exclusive of Still-born.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2						
January	1	11	..	32	5	49	48	45	87	42	222	41	49	27	52	43	49	263	25	27	2	10	14	78	26	20	37	53	35	75	12	258	32	7	21	60	26	26	52	..	20	1002	60	942
February	1	8	..	21	5	35	52	56	95	29	232	40	56	22	35	45	48	243	37	41	4	8	15	105	38	24	41	52	32	74	19	280	32	8	23	63	32	34	66	..	19	1043	43	1000
March	3	13	..	43	7	66	71	57	94	42	264	48	60	28	52	56	48	292	37	51	6	7	14	115	44	28	42	76	30	88	18	326	36	1	21	58	20	20	40	..	17	1184	57	1127
Quarter 1st	5	32	..	96	17	150	171	158	276	113	718	129	162	77	139	146	145	798	99	119	12	25	43	298	108	72	120	181	97	237	49	864	100	16	65	181	78	80	164	..	56	3229	160	3069
April	5	20	1	39	20	85	54	50	89	34	227	55	66	19	48	45	63	296	34	55	11	12	16	128	48	35	62	64	46	79	26	360	37	5	28	70	18	52	70	..	25	1261	48	1213
May	5	14	..	44	13	76	55	45	89	29	218	53	69	28	54	62	59	325	33	58	10	4	10	115	51	40	51	66	47	95	19	369	44	6	31	81	31	38	69	..	19	1272	61	1211
June	9	13	1	39	3	65	54	41	73	43	211	28	54	25	54	44	36	241	26	48	10	4	8	96	34	23	43	54	29	71	14	268	28	5	28	61	16	49	65	1	13	1021	60	961
Quarter 2nd	19	47	2	122	36	226	163	136	251	106	656	136	189	72	156	151	158	862	93	161	31	20	31	339	133	98	156	184	122	245	59	997	109	16	87	212	65	139	204	1	57	3554	169	3385
July	2	19	..	33	4	58	64	65	87	61	277	46	66	18	51	48	52	281	30	41	9	10	7	97	55	24	39	55	25	79	9	286	36	5	23	64	28	44	72	..	23	1158	49	1109
August	5	10	1	46	2	64	70	54	94	60	278	50	71	33	36	50	53	293	34	46	9	5	12	106	42	45	43	95	43	101	11	380	40	7	23	70	36	39	75	1	26	1203	67	1226
September	2	9	..	39	4	54	91	56	97	64	308	42	49	35	67	59	67	319	39	45	12	7	10	113	46	25	49	72	33	81	22	328	30	7	19	56	29	41	70	1	22	1271	66	1205
Quarter 3rd	9	38	1	118	10	176	225	175	278	185	863	138	186	86	154	157	172	893	103	132	30	22	29	316	143	94	131	222	101	261	42	994	106	19	65	190	93	124	217	2	71	3722	182	3540
October	..	26	..	48	6	80	147	61	101	58	367	47	75	28	57	59	42	308	28	61	7	10	8	114	45	25	51	69	24	85	13	312	33	8	27	68	22	32	54	..	31	1334	46	1288
November	4	40	..	37	3	84	103	80	146	63	392	52	60	21	64	66	62	326	34	51	9	11	8	113	52	23	59	90	24	83	23	334	26	4	14	44	28	27	55	..	16	1364	51	1313
December	2	45	3	66	6	122	100	136	232	99	567	119	144	44	130	133	121	691	81	62	14	18	14	189	130	32	106	209	52	167	48	744	56	24	23	103	42	64	106	..	26	2550	44	2506
Quarter 4th	6	111	3	151	15	286	350	277	489	220	1336	218	279	94	251	258	225	1325	143	174	30	39	30	416	227	80	216	368	100	315	84	1390	115	36	64	215	92	125	217	..	73	5248	141	5107
Year	39	228	6	487	78	838	909	746	1284	624	3563	621	816	329	700	712	700	3878	438	586	103	106	136	1369	611	344	623	955	420	1058	234	4245	430	87	281	798	328	474	802	2	257	15753	..	..
Still-born	4	4	..	23	5	36	23	30	48	23	124	19	25	13	16	28	17	118	27	30	4	8	8	77	30	18	21	31	25	37	10	172	22	4	14	40	12	26	38	..	47	..	652	..
Total exclusive of Still-born	35	224	6	464	73	802	886	716	1236	601	2439	602	791	316	684	684	683	3760	411	556	99	98	128	1292	581	326	602	924	395	1021	224	4073	408	83	267	758	316	448	764	3	210	..	..	15101

XX

DEATHS at different LOCALITIES in different MONTHS, arranged in

PERSONS.	A						B					C					
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Panaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6
January	14	27	1	77	15	134	108	108	180	76	472	98	130	60	99	100	93
February	6	21	2	66	19	114	105	126	192	73	496	84	120	40	90	100	101
March.....	10	38	1	92	27	168	141	110	196	86	553	115	138	59	123	119	118
Quarter 1st ..	30	86	4	235	61	416	354	344	568	235	1501	297	388	159	312	319	312
April	14	40	2	104	36	196	113	101	187	75	476	124	137	46	95	109	126
May	7	33	2	90	25	157	109	91	175	58	433	118	137	60	106	117	113
June	12	28	2	88	6	136	99	81	166	70	416	77	102	48	113	93	78
Quarter 2nd..	33	101	6	282	67	489	321	273	528	203	1325	319	376	154	314	319	317
July	9	30	..	69	10	118	122	115	189	129	555	100	130	50	108	98	103
August	19	30	2	99	15	165	147	120	193	120	580	110	149	60	95	113	127
September	6	23	1	79	11	120	265	129	187	120	701	107	128	71	141	124	142
Quarter 3rd ..	34	83	3	247	36	403	534	364	569	369	1836	317	407	181	344	335	372
October	6	75	1	100	10	192	359	131	224	143	857	115	139	52	126	121	120
November.....	7	93	1	85	8	194	226	173	315	141	855	117	132	57	121	121	134
December	8	104	6	186	15	319	230	332	545	211	1318	288	324	111	329	310	317
Quarter 4th..	21	272	8	371	33	705	815	636	1084	495	3030	520	595	220	576	552	571
Total..	118	542	21	1135	197	2013	2024	1617	2749	1302	7692	1453	1766	714	1546	1525	1572
Still-born	7	17	..	49	13	..	74	77	120	45	..	53	72	33	50	64	48
Total..	111	525	21	1086	184	..	1945	1540	2629	1257	..	1400	1694	681	1496	1461	1524

XV.

Quarters, for the Year beginning 1st January 1896.

Total.	D						E								F				G			Water Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total, exclusive of Still-born.
	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.					
	1	2	3	4	5	Total.	1	2	3	4	5	6	7	Total.	1	2	3	Total.	1	2	Total.					
580	60	66	10	20	35	191	79	55	91	121	72	160	28	606	81	22	36	139	59	63	122	8	55	2307	136	2171
535	73	92	15	15	30	225	97	43	96	133	81	168	40	659	73	13	46	132	64	71	135	6	50	2351	98	2253
672	80	105	20	24	34	263	104	63	91	159	87	181	40	725	69	10	48	127	58	69	122	11	53	2674	140	2534
1787	213	263	45	59	99	679	280	161	278	413	240	509	108	1989	223	45	130	398	176	203	379	25	158	7332	374	6958
637	68	97	21	18	35	234	103	69	136	136	91	177	43	755	84	13	62	159	39	92	131	16	75	2679	114	2565
651	68	110	25	20	22	245	100	66	98	130	92	188	38	712	83	18	54	155	67	84	151	10	53	2567	140	2427
511	57	93	20	22	13	205	89	41	82	113	59	151	27	562	60	11	51	122	50	94	144	8	51	2155	126	2029
1799	193	300	66	60	70	684	292	176	316	379	242	516	108	2029	227	42	167	436	156	270	426	34	179	7401	380	7021
589	59	92	24	17	25	217	110	64	93	103	69	147	22	608	78	17	42	137	58	100	158	..	60	2442	143	2293
654	78	108	19	24	21	250	90	85	92	180	101	210	19	777	86	20	42	148	78	89	167	12	85	2888	169	2669
713	76	92	21	14	26	229	108	62	87	129	61	160	37	644	79	17	34	130	59	83	142	8	88	2775	159	2616
1956	213	292	64	55	72	696	308	211	272	412	223	517	78	2029	243	54	118	415	195	272	467	20	233	8055	471	7584
673	72	114	18	24	19	242	111	56	106	148	62	182	25	690	71	15	45	131	53	69	122	1	86	2994	126	2868
682	76	100	19	33	33	261	120	49	133	181	64	155	44	746	62	11	43	116	58	55	113	3	54	3024	135	2889
1679	177	175	45	39	30	466	320	93	230	526	135	395	104	1803	135	49	59	243	96	146	242	9	164	6243	112	6131
3034	325	389	77	96	82	969	551	198	469	855	261	732	173	3239	268	75	147	490	207	270	477	13	304	12261	373	11888
8576	939	1244	252	270	328	3028	1431	746	1335	2059	974	2274	467	9286	961	216	562	1739	734	1015	1749	92	874	35049	..	..
..	48	61	10	21	23	..	79	33	57	80	45	92	17	..	52	11	41	..	30	56	..	..	111	..	1698	..
..	891	1188	242	249	300	..	1352	713	1278	1979	925	2182	450	..	909	205	521	..	704	959	..	92	763	..	.	33451

XXX

DEATHS in different LOCALITIES in different Year beginning

RACES AND CASTES.	A						B					C								
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Markot.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2
Jains	..	13	..	152	2	167	370	87	51	22	530	261	49	64	252	29	37	692	13	27
Brahmins	..	6	..	45	1	52	135	26	14	12	187	132	80	134	130	8	41	525	19	227
Lingaets	..	2	..	1	..	3	2	..	1	4	7	8	...	1	1	4	22	31	5	2
Bhatias	..	1	..	88	..	89	119	12	2	..	133	83	34	..	3	..	1	121	1	3
Hindoos of other Castes	42	389	13	237	45	726	1026	327	683	1074	3120	750	783	426	413	384	1194	3950	496	767
Hindoos Low-castes	30	52	6	66	115	269	44	18	86	96	244	11	164	8	61	178	104	526	15	30
Mussulman	14	41	..	89	27	171	269	1143	1801	68	3281	72	63	56	660	871	163	1885	233	129
Parsees	2	7	..	413	1	423	..	1	5	..	6	134	333	21	19	34	5	546	132	12
Jews	1	1	..	5	1	8	24	2	42	22	90	..	..	..	..	1	1	2	1	..
Native Christians	6	12	..	24	4	46	21	..	17	..	38	6	247	2	..	..	1	256	22	38
Eurasians	2	2	..	2	..	6	1	1	9	..	11	..	6	..	..	..	1	7	..	8
Europeans	21	16	2	10	1	50	..	..	1	..	1	..	2	..	1	..	..	3	..	1
Negro-Africans	..	..	..	3	..	3	1	..	30	2	33	..	..	..	4	16	1	21	1	..
Buddhists	..	..	..	..	..	..	..	..	3	..	3	..	2	..	..	..	..	2	..	..
Other and Unknown Castes and Races.	..	..	..	..	..	..	2	..	4	2	8	1	3	2	1	1	1	9	1	..
All Races and Castes..	118	542	21	1135	197	2013	2024	1617	2749	1302	7692	1453	1706	714	1645	1526	1572	8576	939	1244
Still-born	7	17	..	49	13	86	79	77	120	45	321	53	72	33	50	64	48	320	48	61
Total, exclusive of Still-born	111	525	21	1086	184	1927	1945	1540	2629	1257	7371	1400	1694	681	1495	1462	1524	8256	891	1183

VI.

RACES and CASTES in the CITY of BOMBAY during the 1st January 1896.

D				E								F				G							
Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total, exclusive of Still-born.
3	4	5	Total.	1	2	3	4	5	6	7	Total.	1	2	3	Total.	1	2	Total.					
1	8	9	58	35	3	4	37	12	32	6	129	9	1	6	16	13	13	26	1	11	1630	45	1585
11	30	12	209	11	11	5	23	15	30	15	110	25	8	12	45	25	12	37	..	11	1266	42	1224
..	1	..	8	1	2	1	5	2	4	2	17	2	..	1	3	1	4	5	..	..	74	1	73
1	8	8	16	..	..	..	..	..	..	..	..	..	..	1	1	1	..	1	..	..	361	19	342
168	161	243	1635	373	553	309	1068	472	1102	328	4705	618	173	318	139	483	658	1141	65	228	16909	756	16153
4	19	16	84	64	34	189	519	189	396	3	1394	128	5	96	229	41	208	249	..	42	3037	179	2858
20	7	5	394	200	90	785	350	204	591	93	2313	67	23	49	139	52	42	94	24	289	8590	368	8222
27	22	23	226	67	4	4	6	31	8	..	120	43	..	4	47	10	3	13	..	38	1419	85	1334
..	1	1	3	8	8	7	4	2	14	17	60	3	..	..	3	1	5	6	..	12	184	17	167
3	8	9	80	181	80	15	39	29	43	1	288	19	6	73	98	92	67	159	..	105	1070	44	1026
1	2	..	11	25	3	1	4	5	24	..	62	7	..	1	8	14	1	15	..	36	156	4	152
5	3	2	11	18	7	4	1	10	26	1	62	8	..	1	9	1	2	3	2	88	229	10	219
..	..	..	1	2	1	11	1	1	4	1	21	1	..	..	1	..	..	..	..	5	85	..	85
..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	2	8	..	8
1	..	..	2	..	..	..	2	2	..	..	4	1	..	..	1	..	..	..	..	7	31	28	3
252	270	323	3028	1431	746	1335	2059	974	2274	467	9286	961	216	562	1739	734	1015	1749	92	874	35049	..	..
10	21	23	163	79	33	57	80	49	92	17	407	52	11	41	104	30	56	86	..	111	..	1598	..
242	249	300	2865	1352	713	1278	1979	925	2182	450	8879	909	205	521	1635	704	959	1663	92	763	..	..	33451

XXX

DEATHS in different OCCUPATIONS from different CAUSES in

Occupation or Trade of Family.	General Diseases.											
	A											
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued.	Ague.	Remittent Fever.	Cholera.	Bubonic Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS I.—PROFESSIONAL.											
1. General Government.											
(a) *Imperial.*											
1 His Excellency the Governor	...	...	...	...	...	...	...	...	...	...	...
2 Governor's Family	...	...	...	...	...	...	...	...	...	...	...
3 Government Officials in Civil employ (including Police)	...	...	...	...	...	11	2	4	...	...	...
(b) *Local and Municipal Government.*											
4 Persons employed under Municipal and Local Bodies (including Police)	6	...	1	8	4	98	19	31	2	...	1
(c) *Foreign Governments and Native States.*											
5 Consuls	...	...	...	...	...	...	...	...	...	...	...
6 Native Chiefs, their Staff and Retinue	...	...	...	...	...	...	...	1	...	...	...
2. Defence.											
(a) *Army.*											
7 Officers, effective (including Non-Combatants)	...	...	...	...	...	...	...	...	...	...	...
8 Soldiers	...	...	2	...	...	2	2	1	...	...	...
9 Army Pensioners, &c.	...	...	...	...	...	8	...	...	1	...	...
(b) *Navy.*											
10 Naval Officers	...	...	1	...	...	...	...	...	...	...	...
11 Seamen (Government)	...	...	1	...	...	...	...	...	...	...	...
12 Naval Pensioners, &c.	...	...	...	...	...	...	...	...	...	...	...
3. Learned Professions, &c.											
(a) *Ecclesiastical.*											
13 Ministers of Religion, Priests and persons officiating in Churches, Temples and Mosques, &c.	1	...	1	1	...	3	1	1	...	...	...
14 Missionaries	...	...	...	...	...	1	...	...	...	...	...
15 Devotees, Bhikshuks, Fakirs, &c.	2	...	...	5	...	57	3	17	2	...	3
16 Servants and Officers of Religious Institutions	...	...	...	...	...	1	...	...	...	...	...
(b) *Law.*											
17 Barristers and Advocates	...	...	...	...	...	...	...	...	...	...	...
18 Solicitors and Attorneys	...	...	...	...	...	...	...	...	...	...	...
19 Pleaders and Vakils	...	...	...	...	...	1	...	...	...	...	...
20 Law Agents, Interpreters, Mukhtiars, Petition Writers, &c.	...	...	...	...	...	...	...	...	...	...	...

VII.

the City of BOMBAY for the Year beginning 1st January 1896.

B	Local Diseases.													Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion and Cellular Tissue.	Cutaneous System.		Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	TOTAL.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.														
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
13	2	...	2	1	1	3	2	4	2	...	...	2		...	...	...	...	...	...	1	...	49
28	5	...	2	...	31	10	18	1	3	4	...	...		...	...	1	1	3	1	...	...	268
...	...	...	...	...	...	...	..	1	...	...	...	...		...	..	...	...	...	...	...	...	1
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3	1	...	4	...	3	4	3	1	...	...	1	...		...	...	1	...	...	...	...	1	30
7	3	...	...	...	18	1	2	...	...	...	...	...		...	...	7	...	...	...	...	...	46
1	...	...	...	...	...	...	1	1	...	...	...	...		...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	1	...	...	...	...		...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
10	4	...	...	...	1	3	...	...	...	1	...	...		...	...	1	1	...	...	...	...	29
..	...	...	...	...	...	...	...	1	...	...	...	...		...	...	...	...	...	...	...	...	2
24	4	...	1	...	36	11	8	4	1	...	1	...		...	...	4	...	10	...	1	...	194
5	...	...	...	...	...	2	...	...	...	...	...	...		...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
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Occupation or Trade of Family.	General Diseases.											
	A											
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued.	Ague.	Remittent Fever.	Cholera.	Bubonic Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS I.—PROFESSIONAL—*contd.*											
3. Learned Professions, &c.—*contd.*											
(c) *Medical.*											
21 Physicians and Surgeons (*Licensed*)	...	...	...	..	...	1	...	...	1	...	...
22 Medical Assistants, &c.	...	...	...	1	...	3	...	1	...	...	...
23 Vaids, Hakims and Unlicensed Practitioners.	...	...	...	...	...	2	...	...	1	...	...
24 Dentists	...	...	...	...	...	...	...	...	...	...	...
25 Chemists and Druggists	...	...	...	...	1	...	...	...	...	...	...
26 Midwives and Nurses	7	...	...	...	1	10	...	4	3	...	1
(d) *Literature, &c.*											
27 Editors, Authors	...	...	...	...	...	...	...	...	...	...	...
28 Reporters	...	...	...	...	...	...	...	...	...	...	...
29 Officers of Literary Institutions	...	...	...	...	...	...	...	..	...	...	...
(e) *Artists, &c.*											
30 Painters (*Artists*)	...	...	...	...	...	...	...	...	...	..	...
31 Sculptors	...	...	...	...	...	...	...	...	...	...	...
32 Photographers	...	...	...	...	...	...	...	...	...	...	...
33 Drawing Masters	...	...	...	...	...	...	...	...	...	...	...
(f) *Musicians.*											
34 Music Masters and Players	...	...	...	...	...	2	...	..	...	...	...
(g) *Actors, &c.*											
35 Actors, Actresses	...	...	...	.	...	...	...	...	...	...	..
36 Theatre Service	...	...	..	.	...	...	...	...	...	...	...
37 Dancers, Naikins, &c.	...	...	..	..	...	...	...	...	...	...	...
38 Jugglers, Snake Charmers, &c.	...	...	..	..	...	...	...	...	...	...	...
39 Billiard Room Keepers, &c.	...	...	...	...	...	...	...	...	...	...	...
40 Cricket Club, Gymkhana Service	...		...	...	...	...	...	...	...	...	...
(h) *Teachers, &c.*											
41 School Masters, Mistresses	...	...	...	..	...	1	...	...	...	...	...
42 Professors, Teachers, &c.	...	...	...	...	...	3	...	...	...	...	...
43 Service of Educational Institutions	...	...	...	...	...	...	...	...	...	...	...
(i) *Science.*											
44 Civil Engineers	1	...	...	...	...	...	...	1	...	...	...
45 Museum, &c., Service	...	6	...	...	...	...	...	...	...	...	...
CLASS II.—DOMESTIC.											
4. Omitted.											

VII—*continued.*

B	Local Diseases.													Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.		Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.														
1	...	...	...	...	...	...	1	1	...	...	...	...		...	...	...	...	...	...	...	...	5
2	...	...	1	...	3	...	...	1	...	...	...	...		...	...	...	...	...	...	...	...	8
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5	2	...	...	...	12	1	2	2	...	1	...	...		...	...	3	...	...	1	...	...	1
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4	...	...	1	...	3	1	...	1	...	...	...	...		...	...	...	...	...	...	...	...	12
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
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3	1	...	...	...	4	2	...	1	...	...	...	...		...	...	1	...	...	...	...	...	9
6	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	1	...	...	...	...	15
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
1	...	...	2	...	...	1	...	4	...	...	...	...		...	...	...	1	...	1	...	...	12
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	General Diseases.											
	A										o	
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued.	Ague.	Remittent Fever.	Cholera.	Bubonic Plague.	All other Diseases classed under Section A of General Diseases.		Leprosy.	Dropsy.
CLASS II.—DOMESTIC—*contd.*												
5. Entertainers, &c.												
(a) *Board and Lodging.*												
46 Hotel and Innkeepers	...	...	...	1	...	1	...	...	...		...	...
47 Lodging-house Keepers	...	...	...	...	...	...	...	...	...		...	...
48 Refreshment Houses	...	...	...	...	...	...	...	...	...		...	...
49 Institution Service, &c	...	...	...	...	..	...	...	...	...		...	...
50 Service of Clubs	...	...	...	...	..	...	...	...	...		...	...
51 Mess Contractors, &c	...	...	...	...	...	...	...	...	...		...	...
(b) *Domestic.*												
52 In-door Servants	12	...	...	2	2	52	12	36	2		...	1
53 Service in Stables, &c	...	...	...	...	...	...	...	...	...		...	...
54 Dhobis (Washermen)	...	...	...	6	4	39	2	19	1		...	...
55 Bhistis (Water-carriers)	...	...	...	...	...	5	...	...	...		...	...
56 Sweepers (of houses, &c.)	...	...	...	..	...	1	...	...	1		...	...
57 Hotel Service	...	...	...	...	...	...	...	...	...		...	...
58 Keepers of Cook-houses	...	...	...	...	...	...	...	...	...		...	...
59 Servants not otherwise described	4	...	1	4	...	50	4	46	...		...	1
CLASS III.—COMMERCIAL.												
6. Mercantile.												
(a) *Merchants, &c.*												
60 General Merchants	1	...	1	...	3	23	...	11	1		...	...
61 Merchants in Cotton	...	...	...	...	...	1	...	3	...		...	...
62 Merchants in other Special Goods	...	...	...	...	...	...	...	...	...		...	...
63 Bankers	...	...	...	...	...	15	...	12	...		...	...
64 Money-lenders	...	...	...	...	...	...	...	...	...		...	...
65 Service in Banks	1	...	..	...	...	1	...	1	...		...	...
66 Insurance Office Service	...	...	...	...	...	...	...	...	...		...	...
67 Commercial Agents, Brokers, &c	...	...	...	2	...	46	2	24	...		...	1
68 Salesmen, Bill Collectors, &c	...	...	...	...	...	2	...	...	...		...	...
69 Auctioneers, House Agents	...	...	...	...	...	...	...	...	...		...	...
70 Accountants, Auditors	...	...	...	...	...	...	...	...	...		...	...
71 Commercial Clerks, &c	3	...	1	3	...	96	5	56	3		1	3
72 Notaries Public	...	...	...	...	...	...	...	...	...		...	...
73 Capitalists, Shareholders	...	...	...	...	...	...	...	...	...		...	...
74 Emigration Agents	...	...	...	...	...	...	...	...	...		...	...
75 Pawnbrokers	...	...	...	...	...	...	...	...	...		...	...
(b) *Other General Dealers.*				o								
76 General Dealers and Shopkeepers (*unspecified*)	...	...	...	...	...	...	...	...	...		...	...
77 Itinerant Retailers	...	...	...	1	...	15	2	3	2		...	...
78 Pedlars (*Boxwallahs—Borahs*)	...	...	...	...	...	...	...	...	...		...	...

VII.—*continued.*

B	Local Diseases.													Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
							Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	41	12	...	7	...	54	13	6	8	4	1	...	...	...	...	3	2	2	2	5	...	279
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	56	1	...	...	...	24	13	8	4	...	1	...	...	...	...	1	1	2	1	...	...	182
	4	...	...	...	...	3	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	14
	1	1	...	...	...	1	...	3	...	...	2	1	...	...	...	...	...	...	...	...	...	11
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	48	4	...	2	...	33	15	8	15	1	1	4	...	...	...	1	1	...	...	...	...	248
	28	8	...	...	...	9	5	3	7	...	...	...	...	...	...	...	...	...	...	...	...	100
	2	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	8
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	6	2	...	2	...	5	1	...	2	1	1	1	...	...	...	...	...	...	...	...	...	48
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	40	8	...	6	...	15	8	3	1	...	...	...	...	...	...	1	1	...	...	...	...	158
	...	1	...	1	...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	7
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	92	16	...	10	...	26	13	6	17	1	...	4	3	...	...	1	2	...	1	3	...	366
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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	34	2	...	...	...	16	7	...	5	...	...	...	...	...	...	2	1	...	...	...	...	90
	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1

Occupation or Trade of Family.	General Diseases. A: Small-pox.	Measles.	Fever: Enteric Fever.	Fever: Simple Continued.	Fever: Ague.	Fever: Remittent Fever.	Cholera.	Bubonic Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS III.—COMMERCIAL—*contd.*											
7. Carriers.											
(a) *On Railways.*											
79 Drivers, Stokers (*A'gwallahs*)	2	...	1	2	...	5	1	1	...	...	...
80 Station Masters, Clerks, Ticket Collectors	...	...	...	...	...	4	1	...	...	...	...
81 Guards, Signalmen, Porters, Police	...	...	...	...	1	18	2	1	...	...	...
82 Agents, Managers, Office Service	...	...	1	...	...	1	...	...	...	...	...
(b) *On Roads.*											
83 Carriage and Horse Letters, Livery Stable Keepers, &c.	...	...	...	...	...	6	...	2	1	...	...
84 Drivers of Public Vehicles (*Buggywallahs, Shigramwallahs, &c.*)	2	...	...	2	...	18	...	6	...	...	...
(c) *Omitted.*											
85 Cart Owners and Drivers (*Gádawallahs*)	1	...	...	9	3	63	3	22	...	2	1
86 Carriers on Pack Animals (*Wanjáras, &c.*)	...	...	...	...	...	...	...	...	...	...	...
(d) *On Seas, &c.*											
87 Ship or Boat Owners	...	...	...	...	...	...	...	...	...	...	...
88 Steam Navigation Service	...	...	...	1	1	4	...	1	...	...	2
89 Seamen (not Government)	5	...	...	2	4	38	31	5	...	...	1
90 Pilots	...	...	...	...	...	...	..	...	...	...	...
91 Boatmen	...	...	...	..	...	...	1	...	...	...	...
92 Dock and Harbour Officials	...	...	...	...	...	...	...	...	...	...	...
93 Dock Labourers	...	...	...	1	...	...	...	1	1	...	...
94 Shipping Surveyors and Agents	...	...	...	...	...	...	...	...	...	...	...
95 Dubashes	...	...	...	...	...	1	...	1	...	...	...
(e) *Storage, &c.*											
96 Warehousemen and Storekeepers	...	...	...	...	...	1	...	...	...	...	...
97 Keepers of Cotton, &c., Presses	...	...	...	...	...	...	...	...	...	...	...
98 Packers, Weighmen, &c.	...	...	...	...	...	...	...	...	...	...	...
(f) *Telegraph (Ry.) and Messages.*											
99 Railway and other Telegraph Service (not Government)	...	...	...	...	...	...	...	...	...	...	...
100 Messengers, Porters, &c. (not Government)	2	...	...	1	...	42	4	10	1	1	...
CLASS IV.—AGRICULTURE, PASTURE AND DEALINGS WITH ANIMALS, &C.											
8. Agriculture and Pasture, &c.											
(a) *Cultivation and Grazing.*											
101 Occupants and Tenants of Land and Cultivators	3	...	...	4	1	33	4	3	2	...	...

VII—*continued.*

B	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
						Digestive System.															
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
19	5	...	...	...	14	3	1	3	...	...	2	...	...	...	...	...	...	1	...	...	60
2	1	...	2	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	14
4	...	...	2	...	4	2	2	3	3	...	...	...	...	...	...	...	...	2	...	...	44
...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
19	2	...	2	...	13	5	2	3	...	...	3	...	...	...	1	1	...	...	...	...	78
20	5	...	1	...	13	9	4	4	1	...	1	...	...	...	5	1	2	...	...	1	171
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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9	...	...	...	...	7	2	...	4	...	...	...	...	...	...	...	...	...	1	...	...	32
37	3	...	5	...	23	5	1	3	...	...	...	...	...	...	...	...	1	3	1	...	168
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
2	1	...	1	...	3	1	1	...	...	...	...	...	...	...	...	...	2	4	...	...	18
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
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36	6	...	2	...	14	10	6	5	...	...	1	...	...	...	1	...	...	...	...	1	143
21	5	...	2	...	12	8	4	11	1	...	1	...	...	...	1	...	...	...	...	...	116
114																					

Occupation or Trade of Family.	General Diseases. A											
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued.	Ague.	Remittent Fever.	Cholera.	Bubonic Plague.	All other diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS IV.—AGRICULTURE, PASTURE, AND DEALINGS WITH ANIMALS, &c.—*contd.*											
8. Agriculture and Pasture, &c.—*contd.*											
(a) *Cultivation and Grazing*—contd.											
102 Occupants and Tenants of Lands but not Cultivators	...	...	...	...	...	...	...	...	...	...	...
103 Farm Day Servants	...	...	...	...	...	...	...	...	...	...	...
104 Field Labourers	...	...	...	...	...	...	...	...	...	...	...
105 Cattle and Sheep Watchers	...	...	...	...	...	...	...	...	...	...	...
(b) *Gardening, &c.*											
106 Gardeners (*Mali* and *Kachia*)	2	...	...	2	2	22	1	3	1	...	...
107 Growers and Sellers of Flowers and Garlands	...	...	...	...	...	...	...	...	...	...	...
9. Animals.											
108 Horsedealers, &c.	...	...	...	1	...	...	...	...	...	...	...
109 Jockey Grooms (not domestic service)	3	...	...	5	..	34	1	18	1	...	...
110 Veterinary Surgeons, Farriers	...	...	...	...	...	...	...	1	...	...	...
111 Horse Shoers (*Nalband*)	...	...	...	1	...	...	...	...	...	...	...
112 Cattle and Sheep Breeders (*Dhangar*, &c., *Wanjari*)	...	...	...	...	...	4	...	...	...	...	...
Fishers.											
113 Fishermen, &c.	1	...	...	1	1	17	7	7	1	...	...
114 Shikaries and Bird Catchers and Sellers	...	...	...	...	...	...	...	...	...	...	...
115 Leech Dealers	...	...	...	...	...	1	...	...	...	...	...
CLASS V.—INDUSTRIAL.											
10. Art and Mechanical Productions.											
(a) *Books.*											
116 Booksellers, Publishers	...	...	...	...	...	1	...	...	...	...	...
117 Bookbinders	...	...	...	...	...	2	...	...	...	...	...
118 Printers by Steam, Compositors, &c.	...	...	2	2	...	20	7	1 8	...	...	...
119 Newspaper Proprietors, &c.	...	...	...	...	...	1	...	...	1	...	1
120 Do. Agents	...	...	...	...	...	...	...	...	...	...	...
121 Library or Book Depôt Keepers	...	...	...	...	...	...	...	...	...	...	...
(b) *Musical Instruments.*											
122 Makers, Tuners, &c., of Musical Instruments	...	...	...	...	...	...	...	...	...	...	...
123 Music Sellers, &c.	...	...	...	...	...	...	...	...	...	...	...

VII—*continued.*

B	Local Diseases.													Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
						Digestive System.																
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	TOTAL.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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1	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	4
20	3	...	2	...	18	6	2	3	...	...	...	...	...	...	1	1	...	3	..	1	122
...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
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9	5	...	...	...	9	7	4	1	...	...	3	...	...	...	...	2	...	...	...	...	75
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8	2	...	...	...	4	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	18
18	3	...	2	...	4	1	5	5	...	...	2	...	...	...	...	1	1	...	1	...	84
1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
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Occupation or Trade of Family.	General Diseases. A											
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued.	Fever. Ague.	Fever. Remittent Fever.	Cholera.	Bubonic Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*											
10. Art and Mechanical Productions—*contd.*											
(c) *Prints, Pictures.*											
124 Lithographers	...	...	...	...	...	...	..	...	...	...	...
125 Print Sellers, Publishers	...	...	...	...	...	...	...	...	...	...	...
(d) *Carvings, &c.*											
126 Wood Carvers	...	...	...	...	...	1	...	...	...	...	...
127 Artificial Flower Makers	...	...	...	2	...	...	...	...	...	...	...
128 Figure Casters (*Otarva*)	...	...	...	1	...	9	...	5	...	...	...
(e) *Toys, &c.*											
129 Toy and Kite Makers or Sellers	...	...	...	...	...	2	...	...	...	..	...
130 Billiard Table Makers	...	...	...	...	...	...	...	...	...	...	...
(f) *Engravings, &c.*											
131 Type Founders	...	...	...	...	...	...	...	...	...	...	...
132 Seal Engravers	...	...	...	...	...	...	...	...	...	...	...
133 Engravers, &c.	...	...	...	...	...	...	...	...	...	...	...
(g) *Watches, &c.*											
134 Watch and Clock Makers	...	...	...	...	...	...	1	...	...	...	...
(h) *Omitted.*											
135 Opticians, &c.	...	...	...	...	...	...	...	...	...	...	...
(i) *Arms, &c.*											
136 Gunsmiths	...	...	...	...	...	...	...	...	...	...	...
137 Sword Makers and Polishers (*Shikelgars*)	...	...	...	...	...	...	...	...	...	...	...
138 Gunpowder Makers	...	...	...	...	...	...	...	...	...	...	...
(k) *Machines and Tools.*											
139 Engine Makers (Fitters, &c.)	2	...	...	1	...	28	4	11	...	...	...
140 Spinning, Weaving, &c., Machine Makers	...	...	...	...	...	...	...	..	...	...	...
141 Tool Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...
142 Cutlers and Grinders	...	...	...	...	...	...	...	...	...	...	...
(l) *Carriages, &c.*											
143 Carriage, Cart and Palki Makers	...	...	...	...	...	...	...	...	...	...	...
144 Railway Carriage Makers, Fitters, &c.	...	...	...	...	...	1	2	...	...	...	...
(m) *Harness.*											
145 Saddle and Harness Makers	...	...	...	...	...	...	...	1	...	...	...
146 Saddle Cloth, &c., Makers	...	...	...	...	...	...	...	...	...	...	...
147 Whip and Stick Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...

VII—*continued.*

B	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
						Digestive System.															
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	TOTAL.
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4	1	...	...	...	1	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...	24
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	3	
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48	3	...	2	...	20	3	2	5	...	...	...	1	...	...	1	...	1	1	1	...	134
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Occupation or Trade of Family.	General Diseases. A										
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued.	Ague.	Remittent Fever.	Cholera.	Bubonic Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*											
10. Art and Mechanical Productions—*ctd.*											
(n) *Boats and Ships.*											
148 Boat and Ship Builders	...	...	...	...	...	...	...	...	...	...	...
149 Sailmakers	...	...	...	...	...	...	...	...	...	...	...
150 Ship-Chandlers	...	...	...	...	...	...	...	...	...	...	...
(o) *Houses and Buildings.*											
151 House-owners, &c	...	...	...	...	...	...	...	...	...	...	...
152 Architects	...	...	...	...	...	...	...	...	...	...	...
153 Surveyors and Draftsmen	...	...	...	...	...	...	...	...	...	...	...
154 Builders and Contractors	...	..	...	...	...	...	...	...	...	...	...
155 Carpenters, Joiners, Sawyers	3	...	...	4	4	72	7	25	1	...	1
156 Masons and Bricklayers	...	...	...	2	2	38	1	14	2	1	...
157 Tile Turners	..	...	...	...	...	1	...	...	...	...	...
158 Plumbers	...	...	..	...	...	2	...	3	...	...	...
159 House and Wall Painters	...	...	...	2	...	6	2	4	...	...	...
160 Marble Cutters and Dealers	...	...	...	...	...	...	...	...	...	...	...
(p) *Furniture, &c.*											
161 Furniture Makers and Dealers and Upholsterers	...	...	...	1	...	6	1	1	...	...	...
162 Carvers and Gilders	...	...	...	1	...	1	...	1	...	...	...
163 Undertakers and Carriers of Dead Bodies	...	...	...	...	...	...	...	...	...	...	...
164 Curiosity Dealers	...	...	...	...	...	...	...	...	...	...	...
(q) *Chemicals and Combustibles.*											
165 Fireworks Makers, &c	...	...	...	...	...	...	...	...	...	...	...
166 Matches Makers, &c	...	...	...	...	...	...	...	...	...	...	...
167 Saltpetre Makers, &c	...	...	...	...	...	...	...	...	...	...	...
168 Ink, &c., Makers	...	...	...	...	...	1	...	1	...	...	...
11. Textile Fabrics.											
(a) *Wool.*											
169 Blankets and Woollen Makers and Cleaners by Steam	...	...	...	...	...	...	...	...	...	..	...
170 Blankets and Woollen Makers and Wool Cleaners by Hand	...	...	...	...	...	1	...	1	...	..	...
171 Felt (*Namda*) Makers and Sellers	...	...	...	...	...	...	...	...	...	..	...
172 Fullers	...	...	..	...	..	..	...	...	...	...	...
173 Carpet and Rug Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...

VII—*continued.*

B	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion and Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
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70	13	...	2	...	29	8	7	9	2	...	...	...	...	...	3	3	...	3	...	1	267
42	1	...	...	...	28	5	1	2	...	...	...	...	...	...	...	1	...	...	...	...	140
6	...	...	...	...	9	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	12
3	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
14	1	...	...	...	7	2	2	1	...	...	...	...	...	...	...	1	...	1	...	...	43
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	2	...	...	...	4	1	...	2	...	...	...	...	...	...	...	...	...	...	1	...	27
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2	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
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Occupation or Trade of Family.	General Diseases.											
	A											
	Small-pox.	Measles.	Fever.			Cholera.	Bubonic Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
			Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.						
CLASS V.—INDUSTRIAL—*contd.*												
11. Textile Fabrics—*contd.*												
(b) *Silk.*												
174 Silk Workers by Hand	...	...	...	...	...	2	...	1	...	...	...
175 Ditto by Steam	...	...	...	...	...	...	...	...	...	...	...
176 Silk Dyers	...	...	...	...	...	...	...	...	...	...	...
177 Silk Makers	...	...	...	...	...	1	...	2	...	...	...
(c) *Cotton and Flax.*												
178 Cotton Dyers	1	...	...	...	2	5	...	5	...	...	1
179 Lace Makers, &c.	...	...	...	...	...	2	2	1	...	...	...
180 Tape Makers, &c. (*Raval*)	...	...	...	...	...	...	...	...	...	...	...
181 Cotton Spinners, Cleaners and Weavers by Steam	...	...	...	...	..	...	...	1	...	...	...
182 Cotton Spinners, Cleaners and Weavers by Hand	...	...	...	...	...	1	...	...	...	...	...
183 Mill Managers, Clerks, &c.	1	...	...	..	1	7	...	1	...	...	...
184 Calico Printers	...	...	...	...	...	1	...	1	...	...	...
185 Calenderers	...	...	...	...	...	...	...	...	...	...	...
(d) *Miscellaneous Workers.*												
186 Spinners and Weavers and Factory Workers (unspecified)	1	...	...	23	5	35	2	17	1	...	1
187 Embroiderers and Brocade, &c., Makers	...	...	...	...	...	4	...	...	...	...	...
188 Cotton Goods Sellers, Drapers	...	...	...	3	1	18	...	5	...	...	1
(e) *Dress.*												
189 Barbers, Hair Dressers, &c.	...	...	...	...	1	27	1	4	1	...	...
190 Turban, Cap and Hat Makers	...	...	...	...	...	...	...	...	...	...	...
191 Turban Folders	...	...	...	...	...	2	...	...	...	...	...
192 Caste-Mark Makers	...	...	...	...	...	...	...	...	...	...	...
193 Tailors	3	...	...	1	...	49	8	22	...	...	...
194 Milliners and Dress Makers	...	...	...	...	...	...	...	...	...	...	...
195 Glove and Stocking Makers	...	...	...	...	...	...	...	...	...	...	...
196 Shoe and Boot Makers	...	...	...	4	1	47	2	20	6	...	...
197 Button Makers	...	...	...	...	...	...	...	...	...	...	...
198 Umbrella Makers and Sellers	...	...	...	...	...	1	...	1	...	...	...
199 Shawl Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...
200 Punkha and Fan Makers	...	...	...	...	...	...	...	...	...	...	...
(f) *Jute, Tents, Ropes, &c.*												
201 Workers and Sellers of Jute	...	...	...	...	...	6	...	6	...	...	...
202 Rope and Cord Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...
203 Tent Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...
204 Coir Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...

VII—*continued.*

B	Local Diseases.												Conditions not necessarily associated with General or Local Diseases			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	TOTAL.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
3	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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28	1	...	...	...	6	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	51
1	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
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3	1	...	...	...	6	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	12
2	...	...	...	...	...	3	1	4	...	...	...	...	...	...	...	...	...	...	...	...	20
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
80	3	...	1	...	72	7	4	3	2	1	2	...	...	...	2	...	1	1	...	...	264
16	1	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24
21	6	...	1	...	15	4	1	3	...	...	...	...	...	...	...	...	...	...	...	...	79
12	1	...	...	...	12	3	2	1	...	...	...	...	...	...	1	...	...	...	1	...	67
3	...	...	...	...	1	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	7
1	...	...	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	6
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45	2	...	5	...	24	7	5	8	1	...	...	...	...	...	...	...	...	1	1	...	182
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33	3	...	1	...	41	4	4	6	...	...	...	...	...	...	3	...	1	1	...	...	177
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3	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
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3	1	...	...	...	4	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	21
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	Occupation or Trade of Family.	General Diseases.											
		A											
		Small-pox.	Measles.	Fever.				Cholera.	Bubonic Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
				Enteric Fever.	Simple Continued	Ague.	Remittent Fever.					
	CLASS V.—INDUSTRIAL—*contd.*											
	12. Foods, Drinks and Stimulants.											
	(a) *Animal Food.*											
205	Cow Keepers, Milk Sellers	1	...	...	8	1	29	1	7	1	...	2
206	Sellers of Ghee, Butter, Cheese	...	...	...	...	...	2	...	1	...	...	1
207	Butchers, Slaughtermen and Meat Sellers	...	...	...	...	...	11	...	1	...	...	...
208	Fowl Sellers (Poulterers)	...	...	...	1	...	...	...	...	...	...	...
209	Fish Salesmen	...	...	...	...	...	...	...	...	...	...	...
210	Provision Dealers, Bazaar Suppliers	...	...	...	...	...	...	...	...	...	...	...
	(b) *Vegetable Food.*											
211	Grain, Pulse and Flour Dealers	...	1	...	4	...	76	2	51	...	...	...
212	Millers (*Gola*), (Grinders & Huskers of Grain)	...	...	...	...	...	2	...	2	...	...	...
213	Grain Parchers (*Bhadbhunjas*)	...	...	...	...	...	2	...	1	...	...	...
214	Bakers	...	...	...	...	...	5	...	...	...	...	...
215	Sweetmeat Makers & Sellers & Pastry Cooks.	...	...	...	1	...	15	...	12	1	...	...
216	Fruit and Vegetable Dealers	...	...	...	11	...	41	3	13	2	1	...
	(c) *Drinks and Stimulants.*											
217	Brewers	...	...	...	...	...	...	...	...	...	...	...
218	Wine and Spirit Dealers	...	...	...	...	1	4	2	...	...	...	...
219	Distillers and Toddy Drawers	...	...	...	...	3	8	2	...	...	...	...
220	Soda Water, &c., Makers and Dealers	...	...	...	...	...	1	...	...	...	...	...
221	Sugar and *Gol* Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...
222	Grocers, Spice Dealers	...	...	...	1	...	12	2	5	...	...	...
223	Tea Dealers and Tasters	...	...	...	1	...	3	...	1	...	...	...
224	Tobacco and Snuff Manufacturers and Sellers.	...	...	...	...	...	7	...	1	...	...	...
225	Opium, Chundool Sellers, &c.	...	...	...	...	...	...	...	...	...	...	...
226	Bhang, Ganja Sellers	...	...	...	...	...	...	...	...	...	...	...
227	Pan and Betel Sellers	...	...	...	2	...	16	...	3	...	...	...
228	Perfume Makers and Dealers	...	...	...	...	...	1	...	...	...	...	1
229	Makers and Sellers of Sherbet	...	...	...	...	...	...	...	...	...	...	...
230	Ditto Vinegar	...	...	...	...	...	...	...	...	...	...	...
	13. Animal Substances.											
231	Soap Makers and Sellers	...	...	...	...	...	1	...	...	...	...	...
232	Comb Makers, &c.	...	...	...	...	...	...	...	...	...	...	...
233	Bone and Horn Dealers	...	...	...	...	...	...	...	...	...	...	...
234	Ivory Carvers and Dealers	...	...	...	...	...	1	...	...	...	...	...
	Leather.											
235	Hide and Skin Dealers	...	...	...	...	...	1	...	...	...	...	...
236	Tanners and Curriers	...	...	...	...	3	3	...	...	...	...	...
237	Leather Workers and sellers (not Shoemakers)	...	...	...	...	...	...	...	...	...	...	...

VII—*continued.*

B	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion and Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
41	3	...	...	...	11	5	1	3	...	2	...	...	...	...	2	...	1	1	...	...	115
2	1	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
27	1	...	...	...	4	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	46
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
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17	2	...	...	...	15	4	3	2	1	...	1	1	...	...	...	...	...	1	2	...	183
...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	6
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
10	1	...	...	...	8	1	...	2	...	...	1	...	...	...	1	1	...	...	...	...	30
12	3	...	...	...	9	4	2	1	...	...	2	...	...	...	...	...	...	...	...	...	62
61	1	...	1	...	25	3	5	4	...	2	1	...	...	...	6	...	...	...	1	...	181
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	14
4	...	...	...	...	3	2	4	1	...	...	...	...	...	...	...	...	...	6	...	...	33
2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
1	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
18	2	...	...	...	7	2	...	...	...	...	...	...	...	...	1	1	...	...	...	...	51
13	1	...	...	...	4	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	26
...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	1	1	...	13
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17	...	...	...	...	5	1	1	1	...	...	...	...	...	...	1	...	...	...	...	...	48
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Occupation or Trade of Family.	General Diseases.											
	A											
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued	Fever. Ague.	Fever. Remittent Fever.	Cholera.	Bubonic Plague.	All other Diseases classed under Section A of General Diseases.		Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*												
14. VEGETABLE SUBSTANCES.												
(a) *Gums, Oils, &c.*												
238 Oil Pressers, Oil Cake Makers and Sellers ...	...	...	...	2	...	1	1	1	...		...	...
239 Lac Makers	...	...	...	...	...	...	...	...	...		...	...
(b) *Wood, &c.*												
240 Wood and Timber Dealers	...	...	...	...	...	4	...	...	...		...	1
241 Wood Turners (*Kantaras*)	...	...	...	...	...	1	...	1	...		..	...
242 Lacquer Workers.....	...	...	...	...	...	...	...	...	...		...	...
243 Bamboo Dealers	...	...	...	...	...	...	...	...	...		...	...
244 Firewood Sellers	...	...	...	...	...	1	...	...	...		...	...
245 Coopers	...	...	...	...	...	...	...	...	...		...	...
246 Broom Makers	...	...	...	...	1	1	...	3	...		...	...
247 Basket and Cane Workers and Sellers.....	...	...	...	...	...	8	...	2	...		...	...
248 Grass and Forage Dealers	...	1	...	...	...	2	...	2	...		...	...
249 Hay Pressers, &c.	...	...	...	...	...	...	...	...	...		...	...
250 Sellers of Grass for Thatch	...	...	...	...	...	...	...	...	...		...	...
251 Thatchers (*Chapperband*)	...	...	...	...	...	...	...	...	...		...	...
(c) *Paper.*												
252 Rag Dealers	...	...	...	...	...	1	...	1	...		...	...
253 Paper Makers	...	...	...	...	...	...	...	...	...		...	...
254 Stationers and Dealers in Paper	...	...	...	...	...	1	...	...	...		...	...
15. MINERAL SUBSTANCES.												
(a) *Omitted.*												
255 Coal Merchants, Shippers, &c.	...	...	...	1	...	1	1	...	...		...	...
256 Gas Works Service	...	...	...	...	...	1	1	1	...		...	...
(b) *Coal.*												
257 Charcoal Sellers, &c.	...	...	...	...	...	...	...	...	...		...	...
258 Cowdung Cake Sellers.....	...	...	...	...	...	...	...	...	...		...	...
(c) *Stone-clay.*												
259 Stone Quarrymen (*Beldars, Valdars, &c.*) ...	..	...	...	...	...	...	...	...	...		...	...
260 Stone Cutters (*Patharvats, Salats*)	1	...	...	...	...	12	1	5	...		...	1
261 Lime Makers and Sellers (*Lunaris, Chunaras, &c.*)	..	...	...	...	...	1	...	...	...		...	...
262 Brick, &c., Makers	..	...	...	...	...	1	1	...	...		...	...
263 Railway Earth Workers	...	...	...	...	...	...	...	...	...		...	...
264 Grindstone Makers and Sellers (*Chaksalis*)	...	...	...	...	...	...	...	...	...		...	...

VII—*continued.*

B	Local Diseases.													Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	TOTAL.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
10	1	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	30
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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3	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	12
6	1	...	...	...	2	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	22
1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	8
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1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
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1	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	4	1	2	1	...	...	...	...	...	...	...	...	...	...	...	...	44
1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	Occupation or Trade of Family.	General Diseases.											
		A											
		Small-pox.	Measles.	Fever.				Cholera.	Bubonic Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
				Enteric Fever.	Simple Continued	Ague.	Remittent Fever.					
	CLASS V.—INDUSTRIAL—*contd.*											
	15. Mineral Substances—*contd.*											
	(d) *Earthenware.*											
265	Potters	...	..	...	...	...	2	...	1	...	...	...
266	Hooka Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...
	(e) *Glass.*											
267	China Glass Dealers	...	...	...	...	...	...	...	...	...	...	...
268	Glass Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...
269	Bangle Makers and Sellers	...	...	...	1	...	5	...	...	...	...	...
270	Bead Makers and Sellers (*Maniaris*)	...	...	...	...	...	1	...	...	...	...	...
	(f) *Salt.*											
271	Salt Makers (*Mitagrias, &c.*)	...	...	...	...	...	...	...	...	...	...	...
272	Salt Brokers and Dealers	...	...	...	...	...	...	...	...	...	...	...
	(g) *Water.*											
273	Water Works Service	..	...	...	...	...	...	...	...	...	...	...
274	Well Sinkers	...	...	..	...	...	...	...	...	...	...	...
275	Ice Dealers and Makers	...	...	...	...	...	...	...	...	...	...	...
	(h) *Gold, Silver and Jewellery.*											
276	Gold and Silver Smiths	2	...	...	...	...	21	4	11	...	1	...
277	Precious Stone Dealers, &c	...	...	...	...	...	2	...	1	...	...	..
278	Lapidaries (Stone Cutters)	...	...	...	...	...	...	...	...	...	..	...
279	Electroplaters	1	...	...	...	...	...	...	...	...	...	..
280	Plate Dealers, &c	...	...	...	...	...	...	...	...	...	...	..
281	Assayers (*Choksis*), Dealers in Gold & Sellers	...	...	..	...	...	...	...	1	...	...	...
282	Gold and Silver Lace Makers	...	...	...	...	...	...	...	...	...	...	...
283	Wire Drawers, &c.	...	...	...	...	...	1	...	...	...	...	...
284	Gold Washers (*Zarekaris* or *Dhuldhoyas*)	...	...	...	...	...	...	...	...	...	...	...
	(i) *Copper.*											
285	Copper Smiths	1	...	...	1	...	10	...	3	...	...	...
	(k) *Tin.*											
286	Tinmen and Tinware Dealers	...	...	...	...	...	11	...	1	...	...	...
	(l) *Brass.*											
287	Brass Smiths and Dealers in Brass	...	...	...	...	...	2	...	1	...	...	...
288	Locksmiths (*Kunchgars*)	...	...	...	...	...	...	...	...	...	...	...
289	Gas Fitters	...	...	...	...	...	...	...	...	...	...	...
290	Lamp and Lantern Makers	...	...	...	1	...	13	...	6	...	...	1

VII—*continued.*

B	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear, and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
5	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	2
1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	..	9
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	2
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1
23	4	...	2	...	8	4	2	4	1	...	2	...	...	...	1	1	1	...	1	..	93
2	...	...	...	...	1	1	...	2	...	...	...	...	...	...	...	...	...	...	...	..	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	3
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
13	2	...	1	...	2	1	...	...	1	...	...	...	...	...	...	...	...	...	1	...	36
15	...	...	...	...	7	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	36
...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	1	...	...	...	7	2	1	2	...	...	...	...	..	..	..	...	1	..	1	...	56

Occupation or Trade of Family.	General Diseases.											
	A											
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued	Fever. Ague.	Fever. Remittent Fever.	Cholera.	Bubonic Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*											
15. Mineral Substances—*contd.*											
(m) *Iron and Steel.*											
291 Blacksmiths	...	...	...	...	...	...	...	...	...	...	...
292 Hardware and Iron Mongers	...	...	...	...	...	...	...	...	...	1	...
293 Nail Makers, &c.	...	...	...	...	...	...	...	...	...	...	...
CLASS VI.—OTHERS AND UNSPECIFIED.											
16. Indefinite.											
(a) *General Labourers.*											
294 General Labourers and Coolies	46	2	1	58	30	856	81	319	19	6	4
295 Mechanics, Artizans (unspecified)	...	...	...	...	...	...	...	...	...	...	...
(b) *Indefinite.*											
296 Enginemen, &c. (unspecified)	...	..	...	...	...	...	...	...	...	...	...
297 Factory Labourers (unspecified)	43	2	...	80	22	320	64	113	8	1	1
298 Shopmen, &c. (unspecified)	1	...	...	...	...	45	...	31	...	...	...
299 Contractors, &c. (unspecified)	...	...	...	...	...	3	...	2	...	...	1
300 Millowners, &c. (unspecified)	...	...	...	...	...	1	...	...	...	...	...
17. Persons of Independent Means.											
301 Living on Property (funded rents, &c.)	1	...	...	2	...	10	...	2	2	...	1
302 Pensioners (unspecified)	...	...	...	1	1	12	...	1	1	...	1
18. Others.											
303 Mendicants	6	...	1	12	9	110	9	22	3	7	2
304 Prisoners	...	...	...	...	...	...	...	...	...	...	...
305 Prostitutes and Pimps	1	...	...	3	2	6	...	...	2	...	...
306 Others	...	...	5	1	...	13	...	5	...	...	...
307 Males following no occupation	5	...	3	20	11	274	15	44	7	18	6
308 Females do. do.	37	2	7	102	66	1020	78	267	144	13	38
309 Children, Males	242	110	3	359	37	1484	38	294	84	1	9
310 Do. Females	243	123	3	386	48	1530	34	190	111	...	12
Grand Total	701	241	36	1167	280	7293	490	1936	425	54	102

VII—*concluded.*

B	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System.	Respiratory System.	Digestive System. Diarrhœa.	Digestive System. Dysentery.	Digestive System. All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	....
412	34	1	10	...	333	126	53	36	8	24	5	2	...	...	30	9	13	22	15	2	2557
...	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
298	11	...	4	...	134	71	31	12	3	12	5	1	...	...	12	4	1	6	9	...	1258
31	6	...	2	...	23	10	5	8	...	...	2	...	...	...	...	...	...	1	...	...	165
2	1	...	1	...	2	3	2	1	2	...	...	...	...	...	...	...	...	...	...	...	20
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
40	7	...	2	...	25	9	...	1	...	1	2	...	...	...	6	...	...	...	...	...	111
10	11	...	2	...	16	3	3	5	2	1	...	...	...	...	11	...	...	1	...	1	83
154	21	1	4	...	122	66	45	17	4	6	3	...	...	...	50	2	37	4	4	2	725
3	1	...	...	...	1	1	6	...	...	...	...	...	...	...	...	...	...	...	...	...	12
18	2	...	1	...	3	5	...	...	...	1	...	...	...	...	...	...	1	1	...	...	46
8	3	...	1	...	11	2	...	1	...	...	1	...	...	...	1	1	...	...	...	...	53
180	85	..	16	...	478	125	74	42	13	2	4	2	...	...	294	8	31	10	17	10	1794
2073	144	2	39	2	1097	256	125	86	13	296	18	7	...	...	490	14	20	11	14	1	6482
457	1003	...	4	....	1076	326	126	161	6	...	26	1	948	12	991	4	14	27	12	1	7856
672	747	...	5	...	1095	331	107	166	4	9	27	4	650	19	818	5	17	9	7	2	7374
5917	2272	4	177	3	5334	1613	737	755	84	370	128	27	1598	31	2764	77	165	139	106	23	35049

XXXVIII.

DEATHS in different OCCUPATIONS in different QUARTERS in the CITY of BOMBAY during the Year beginning 1st January 1896.

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS I.—PROFESSIONAL.																	
	1. General Government.																	
	(a) *Imperial.*																	
1	His Excellency the Governor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Governor's Family	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
3	Government Officials in Civil employ (including Police)	2	3	2	7	3	6	6	15	3	5	...	8	5	6	8	19	49
	(b) *Local and Municipal Government.*																	
4	Persons employed under Municipal and Local Bodies (including Police)	11	21	21	53	38	25	14	77	23	22	19	64	14	17	43	74	268
	(c) *Foreign Governments and Native States.*																	
5	Consuls	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
6	Native Chiefs, their Staff and Retinue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1
	2. Defence.																	
	(a) *Army.*																	
7	Officers, effective (including Non-Combatants)	...	...	1	1	...	...	1	1	...	...	...	...	...	...	...	...	2
8	Soldiers	4	1	3	8	1	2	...	3	3	5	4	12	3	1	3	7	30
9	Army Pensioners, &c.	7	5	5	17	5	4	3	12	3	6	3	12	3	1	2	5	46
	(b) *Navy.*																	
10	Naval Officers	...	...	1	1	3	...	...	3	...	...	...	...	1	...	...	1	4
11	Seamen (Government)	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	1	2
12	Naval Pensioners, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	3. LEARNED PROFESSIONS, &c.																		
	(a) *Ecclesiastical.*																		
13	Ministers of Religion, Priests and Persons officiating in Churches, Temples, and Mosques, &c	4	1	...	5	5	4	2	11	1	4	1	6	1	4	2	7	29	
14	Missionaries	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	2	
15	Devotees, Bhikshuks, Fakirs, &c	18	11	9	38	11	10	20	41	11	22	19	52	16	16	31	63	194	
16	Servants and Officers of Religious Institutions	...	...	1	1	...	...	2	2	...	...	...	...	2	1	2	5	8	
	(b) *Law.*																		
17	Barristers and Advocates	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
18	Solicitors and Attorneys	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
19	Pleaders and Vakils	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	1	2	
20	Law Agents, Interpreters, Mukhtiars, Petition Writers, &c	..	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	
	(c) *Medical.*																		
21	Physicians and Surgeons (*Licensed*)	...	...	...	...	1	2	...	3	1	...	...	1	...	...	1	1	5	
22	Medical Assistants, &c	...	...	...	...	1	...	...	1	...	...	1	1	1	1	4	6	8	
23	Vaids, Hakims, and Unlicensed Practitioners	1	1	...	2	1	1	...	2	1	...	1	2	1	...	...	1	7	
24	Dentists	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
25	Chemists and Druggists	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	
26	Midwives and Nurses	5	8	5	18	7	9	3	19	...	6	3	9	2	4	3	9	55	
	(d) *Literature, &c.*																		
27	Editors, Authors	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1	
28	Reporters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
29	Officers of Literary Institutions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	(e) *Artists, &c.*																		
30	Painters (*Artists*)	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	
31	Sculptors	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
32	Photographers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
33	Drawing Masters	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	
	(f) *Musicians.*																		
34	Music Masters and Players	2	1	1	4	...	...	1	1	...	1	1	2	1	2	2	5	12	
	(g) *Actors, &c.*																		
35	Actors, Actresses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
36	Theatre Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
37	Dancers, Naykins, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
38	Jugglers, Snake Charmers, &c	...	...	...	...	...	...	1	1	...	...	1	1	...	...	...	...	2	
39	Billiard Room Keepers, &c.	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	
40	Cricket Club, Gymkhana Service	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	

XXXVIII—*continued.*

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS I.—PROFESSIONAL—*contd.*																	
	3. Learned Professions, &c.—*contd.*																	
	(h) *Teachers, &c.*																	
41	School Masters, Mistresses	1	...	2	3	...	1	...	1	...	...	1	1	1	2	1	4	9
42	Professors, Teachers, &c.	3	3	1	7	...	3	...	3	1	1	...	2	1	2	...	3	15
43	Service of Educational Institutions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(i) *Science.*																	
44	Civil Engineers	1	2	...	3	...	...	2	2	1	1	1	3	1	...	3	4	12
45	Museum, &c., Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	CLASS II.—DOMESTIC.																	
	4. Omitted.																	
	5. Entertainers, &c.																	
	(a) *Board and Lodging.*																	
46	Hotel and Inn-Keepers	...	...	...	...	....	1	1	2	1	...	...	1	...	...	1	1	4
47	Lodging-house Keepers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
48	Refreshment Houses	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
49	Institution Service, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50	Service of Clubs	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1
51	Mess Contractors, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Domestic.*																	
52	Indoor Servants	22	27	23	72	14	17	16	47	18	18	22	58	16	25	61	102	279
53	Service in Stables, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
54	Dhobis (Washermen)	12	11	15	38	13	11	10	34	5	15	11	31	14	16	49	79	182
55	Bhistis (Water-carriers)	...	1	2	3	...	2	...	2	...	...	2	2	1	2	4	7	14
56	Sweepers (of houses, &c.)	...	...	...	...	...	3	2	5	1	...	2	3	1	...	2	3	11
57	Hotel Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
58	Keepers of Cook-houses	....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
59	Servants not otherwise described	11	13	14	38	19	9	7	35	16	7	17	40	25	21	84	130	243

CLASS III.—COMMERCIAL.

6. MERCANTILE.

(a) *Merchants, &c.*

60	General Merchants	7	3	3	13	8	9	4	21	7	9	10	26	15	8	17	40	100
61	Merchants in Cotton	...	2	2	4	...	1	...	1	...	...	...	...	3	...	...	3	8
62	Merchants in other Special Goods	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
63	Bankers	1	4	3	8	2	2	...	4	...	1	4	5	4	6	21	31	48
64	Money-lenders	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
65	Service in Banks	...	...	2	2	1	...	...	1	...	...	...	...	...	1	1	2	5
66	Insurance Office Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
67	Commercial Agents, Brokers, &c	9	16	7	32	14	8	9	31	9	12	15	36	20	14	25	59	158
68	Salesmen, Bill Collectors, &c	...	...	...	...	...	...	1	1	2	...	2	4	...	...	2	2	7
69	Auctioneers, House Agents	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
70	Accountants, Auditors	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	2
71	Commercial Clerks, &c	26	15	23	64	23	17	21	61	27	29	32	88	24	33	96	153	366
72	Notaries, Public	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
73	Capitalists, Shareholders	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
74	Emigration Agents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
75	Pawnbrokers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(b) *Other General Dealers.*

76	General Dealers & Shopkeepers (*unspecified*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
77	Itinerant Retailers	4	8	7	19	4	3	5	12	5	7	9	21	10	4	24	38	90
78	Pedlars (*Boxwallahs—Borahs*)	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1

7. CARRIERS.

(a) *On Railways.*

79	Drivers, Stokers (*A'gwallahs*)	6	4	5	15	5	6	4	15	5	7	3	15	...	2	13	15	60
80	Station Masters, Clerks, Ticket Collectors	3	...	1	4	...	3	1	4	...	1	2	3	1	2	...	3	14
81	Guards, Signalmen, Porters, Police	2	3	3	8	7	2	4	13	2	6	3	11	1	4	7	12	44
82	Agents, Managers, Office Service	...	...	...	...	1	2	...	3	...	...	...	...	1	...	...	1	4

(b) *On Roads.*

83	Carriage and Horse Letters, Livery Stable Keepers, &c.	2	...	3	5	...	1	1	2	...	...	...	...	1	2	...	3	10
84	Drivers of Public Vehicles (*Buggywallahs, Shigramwallahs*, &c.)	3	4	9	16	3	4	2	9	7	3	9	19	5	4	25	34	78

(c) *Omitted.*

85	Cart Owners & Drivers (*Gádawallahs*)	10	12	11	33	11	9	9	29	11	11	12	34	16	17	42	75	171
86	Carriers on Pack Animals (*Wanjáras*, &c.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

XXXVIII—*continued.*

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS III.—COMMERCIAL—*contd.*																	
	7. Carriers—*contd.*																	
	(d) *On Seas, &c.*																	
87	Ship or Boat Owners	...	...	...	...	...	...	5	11	4	2	2	8	1	1	5	7	32
88	Steam Navigation Service	1	4	1	6	6	...	4	42	9	11	14	34	6	11	29	46	168
89	Seamen (not Government)	17	9	20	46	21	17	...	...	...	...	...	...	...	...	...	...	...
90	Pilots	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	2
91	Boatmen	1	...	...	1	...	...	...	...	...	...	1	1	...	...	2	2	3
92	Dock and Harbour Officials	...	...	...	...	...	...	...	...	...	1	1	2	...	1	4	5	18
93	Dock Labourers	1	2	5	8	2	1	...	3	...	...	...	...	...	...	...	...	1
94	Shipping Surveyors and Agents	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2	3	4
95	Dubashes	...	...	...	...	...	...	...	...	1	...	...	1	1	...			
	(e) *Storage, &c.*																	
96	Warehousemen and Storekeepers	...	...	...	...	...	...	...	...	1	1	...	2	...	...	...	...	2
97	Keepers of Cotton, &c., Presses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
98	Packers, Weighmen, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1
	(f) *Telegraph (Railway) and Messages.*																	
99	Railway and other Telegraph Service (not Government)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
100	Messengers, Porters, &c. (not Government)	13	15	9	37	9	4	10	23	7	10	9	26	12	15	30	57	143
	CLASS IV.—AGRICULTURE, PASTURE & DEALINGS WITH ANIMALS, &c.																	
	8. Agriculture and Pasture, &c.																	
	(a) *Cultivation and Grazing.*																	
101	Occupants and Tenants of Land and Cultivators	12	13	12	37	10	9	5	24	12	7	5	24	3	5	23	31	116

102	Occupants and Tenants of Lands but not Cultivators	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
103	Farm Day Servants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
104	Field Labourers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
105	Cattle and Sheep Watchers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Gardening, &c.*																	
106	Gardeners (*Máli* and *Káchiá*)	8	6	...	14	5	9	2	16	2	3	6	11	4	7	14	25	66
107	Growers and Sellers of Flowers & Garlands	...	...	1	1	...	...	...	...	1	...	...	1	...	...	...	...	2
	9. ANIMALS.																	
108	Horse-dealers, &c	1	2	...	3	...	...	...	...	...	...	...	...	..	...	1	1	4
109	Jockey Grooms (not domestic service)	8	8	8	24	8	3	7	18	2	8	9	19	12	14	35	61	122
110	Veterinary Surgeons, Farriers	...	...	...	...	...	2	...	2	...	...	...	...	...	...	1	1	3
111	Horse Shoers (*Nálband*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	3
112	Cattle and Sheep Breeders (*Dhangar*, &c.—*Wanjári*)	...	...	1	1	1	...	...	1	...	1	...	1	1	...	2	3	6
	Fishers.																	
113	Fishermen, &c.	7	5	3	15	3	1	7	11	10	6	2	18	6	6	19	31	75
114	Shikaries and Bird Catchers and Sellers	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1
115	Leech Dealers	...	...	...	...	...	...	...	...	1	...	1	2	...	...	...	...	2
	CLASS V.—INDUSTRIAL.																	
	10. ART & MECHANICAL PRODUCTIONS.																	
	(a) *Books.*																	
116	Booksellers, Publishers	1	...	...	1	1	...	...	1	...	...	...	...	...	...	1	1	3
117	Bookbinders	...	1	1	2	1	1	...	2	1	1	2	4	3	3	4	10	18
118	Printers by Steam, Compositors, &c	5	4	6	15	6	9	4	19	4	7	2	13	6	6	25	37	84
119	Newspaper Proprietors, &c	...	1	2	3	...	...	1	1	...	...	...	...	...	...	...	...	4
120	Do. Agents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
121	Library or Book Depôt Keepers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Musical Instruments.*																	
122	Makers, Tuners, &c., of Musical Instruments	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
123	Music Sellers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(c) *Prints, Pictures.*																	
124	Lithographers	...	..	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...
125	Print Sellers, Publishers	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1

XXXVIII—*continued.*

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	Ootober.	November.	December.	Total.	
	CLASS V.—INDUSTRIAL—*contd.*																	
	10. Art and Mechanical Productions—*contd.*																	
	(d) *Carvings, &c.*																	
126	Wood Carvers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1
127	Artificial Flower Makers	...	...	...	...	...	...	1	1	...	...	...	...	...	2	...	2	3
128	Figure Casters (*Otárva*)	...	1	2	3	...	2	...	2	1	...	1	2	3	2	12	17	24
	(e) *Toys, &c.*																	
129	Toy and Kite Makers or Sellers	...	...	...	...	...	...	1	1	...	...	1	1	1	...	...	1	3
130	Billiard Table Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(f) *Engravings, &c.*																	
131	Type Founders	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
132	Seal Engravers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
133	Engravers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1
	(g) *Watches, &c.*																	
134	Watch and Clock Makers	...	1	2	3	1	...	2	3	...	...	...	...	1	...	1	2	8
	(h) *Omitted.*																	
135	Opticians, &c	...	1	...	1	...	...	...	...	...	1	...	1	...	...	...	...	2
	(i) *Arms, &c.*																	
136	Gunsmiths	1	...	...	1	...	...	...	...	2	...	...	2	...	...	...	...	3
137	Sword Makers and Polishers (*Shikelgars*)	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	2
138	Gunpowder Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(k) *Machines and Tools.*																	
139	Engine Makers (Fitters, &c.)	6	7	10	23	7	6	3	16	7	13	12	32	13	7	43	63	134

140	Spinning, Weaving, &c., Machine Makers ...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
141	Tool Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
142	Cutlers and Grinders	...	...	...	...	...	...	1	1	1	...	...	1	...	...	2	2	4
	(l) *Carriages, &c.*																	
143	Carriage, Cart, and Palki Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
144	Railway Carriage Makers, Fitters, &c.....	3	1	...	4	...	3	2	5	2	...	...	2	...	...	...	...	11
	(m) *Harness.*																	
145	Saddle and Harness Makers	...	2	...	2	...	...	...	...	...	...	...	...	...	...	1	1	3
146	Saddle Cloth, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
147	Whip and Stick Makers and Sellers.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(n) *Boats and Ships.*																	
148	Boat and Ship Builders	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
149	Sailmakers	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1
150	Ship-Chandlers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(o) *Houses and Buildings.*																	
151	House-owners, &c..... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
152	Architects	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
153	Surveyors and Draftsmen	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
154	Builders and Contractors	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1
155	Carpenters, Joiners, Sawyers	21	15	24	60	14	13	18	45	12	15	12	39	24	31	68	123	267
156	Masons and Bricklayers	10	9	11	30	5	4	11	20	2	10	9	21	12	10	47	69	140
157	Tile Turners	3	...	1	4	2	...	1	3	...	2	1	3	1	...	1	2	12
158	Plumbers.....	1	...	1	2	1	1	1	3	1	...	...	1	2	...	5	7	13
159	House and Wall Painters	...	2	3	5	2	4	1	7	1	6	3	10	5	7	9	21	43
160	Marble Cutters and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(p) *Furniture, &c.*																	
161	Furniture Makers and Dealers and Upholsterers	...	1	2	3	2	3	2	7	...	4	2	6	4	3	4	11	27
162	Carvers and Gilders	1	...	...	1	...	...	...	...	...	1	...	1	1	...	...	1	3
163	Undertakers and Carriers of Dead Bodies ...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...
164	Curiosity Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	(q) *Chemicals and Combustibles.*																	
165	Fireworks Makers, &c.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
166	Matches Makers, &c.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
167	Saltpetre Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
168	Ink, &c., Makers	...	...	...	...	...	...	...	...	1	...	...	1	...	...	3	3	4

XXXVIII—*continued.*

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS V.—INDUSTRIAL—*contd.*																	
	11. Textile Fabrics.																	
	(a) *Wool.*																	
169	Blankets and Woollen Makers and Cleaners by Steam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
170	Blankets and Woollen Makers and Wool Cleaners by Hand	...	...	1	1	1	...	...	1	...	2	...	2	1	...	1	2	6
171	Felt (*Namda*) Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
172	Fullers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
173	Carpet and Rug Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
	(b) *Silk.*																	
174	Silk Workers by Hand	1	1	1	3	1	...	...	1	...	1	1	2	1	...	1	2	8
175	Ditto by Steam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
176	Silk Dyers	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1
177	Silk Makers	1	...	...	1	...	...	...	...	...	...	...	...	...	1	1	2	3
	(c) *Cotton and Flax.*																	
178	Cotton Dyers	5	1	3	9	3	1	1	5	3	6	5	14	2	3	18	23	51
179	Lace Makers, &c.	...	2	...	2	...	...	...	...	...	3	...	3	...	...	3	3	8
180	Tape Makers, &c. (*Raval*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
181	Cotton Spinners, Cleaners and Weavers by Steam	...	...	...	...	...	...	1	1	...	...	...	...	1	...	...	1	2
182	Cotton Spinners, Cleaners and Weavers by Hand	...	...	...	...	1	...	1	2	...	...	2	2	2	2	4	8	12
183	Mill Managers, Clerks, &c.	3	1	...	4	2	2	1	5	...	...	3	3	2	1	5	8	20
184	Calico Printers	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	3	3
185	Calenderers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	(d) *Miscellaneous Workers.*																	
186	Spinners and Weavers and Factory Workers (unspecified)	10	13	21	44	12	15	13	40	7	24	15	46	22	31	81	134	264
187	Embroiderers and Brocade, &c., Makers	1	4	2	7	3	2	1	6	3	2	...	5	3	...	3	6	24
188	Cotton Goods Sellers, Drapers	4	7	5	16	4	5	2	11	4	4	8	16	6	11	19	36	79
	(e) *Dress.*																	
189	Barbers, Hair Dressers, &c.	7	4	3	14	5	2	2	9	2	5	4	11	7	5	21	33	67
190	Turban, Cap and Hat Makers	...	...	...	...	...	1	...	1	1	...	...	1	1	1	3	5	7
191	Turban Folders	...	...	...	...	...	...	...	...	...	...	...	...	2	2	2	6	6
192	Caste-mark Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
193	Tailors	12	14	17	43	15	8	5	28	8	13	13	34	16	21	40	77	182
194	Milliners and Dress Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
195	Glove and Stocking Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
196	Shoe and Boot Makers	14	10	10	34	16	6	7	29	11	14	8	33	19	15	47	81	177
197	Button Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
198	Umbrella Makers and Sellers	3	...	1	4	...	...	1	1	...	...	...	...	1	...	1	2	7
199	Shawl Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
200	Punkha and Fan Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(f) *Jute, Tents, Ropes, &c.*																	
201	Workers and Sellers of Jute	...	2	...	2	...	...	1	1	...	1	...	1	10	4	3	17	21
202	Rope and Cord Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
203	Tent Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
204	Coir Makers and Dealers	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1
	12. Foods, Drinks and Stimulants.																	
	(a) *Animal Food.*																	
205	Cow Keepers, Milk Sellers	9	9	7	25	6	4	9	19	10	3	4	17	16	8	30	54	115
206	Sellers of Ghee, Butter, Cheese	2	2	1	5	...	...	...	...	1	...	...	1	1	1	1	3	9
207	Butchers, Slaughtermen and Meat Sellers	2	8	6	16	2	4	3	9	2	1	2	5	5	3	8	16	45
208	Fowl Sellers (Poulterers)	...	...	...	...	...	...	...	...	...	1	...	1	...	3	...	3	4
209	Fish Salesmen	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	2
210	Provision Dealers, Bazar Suppliers	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
	(b) *Vegetable Food.*																	
211	Grain, Pulse and Flour Dealers	6	9	5	20	4	6	5	15	4	10	17	31	30	24	63	117	183
212	Millers (*Golá*), (Grinders and Huskers of Grain)	...	1	...	1	...	...	...	...	...	1	1	2	1	...	2	3	6
213	Grain Parchers (*Bhadbhunjas*)	1	1	...	2	...	1	...	1	...	...	...	...	...	...	1	1	4
214	Bakers	...	4	1	5	5	2	1	8	...	2	2	4	5	2	6	13	30
215	Sweetmeat Makers and Sellers and Pastry Cooks	4	4	3	11	5	1	3	9	3	4	2	9	4	7	22	33	62
216	Fruit and Vegetable Dealers	10	9	11	30	11	3	11	25	19	8	11	38	9	25	54	88	181

XXXVIII—*continued.*

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS V.—INDUSTRIAL—*contd.*																	
	12. Foods, Drinks and Stimulants—*contd.*																	
	(c) *Drinks and Stimulants.*																	
217	Brewers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
218	Wine and Spirit Dealers	...	1	...	1	...	...	1	1	2	5	2	9	1	1	1	3	14
219	Distillers and Toddy Drawers	1	4	2	7	...	...	3	3	3	7	5	15	3	2	3	8	33
220	Soda Water, &c., Makers and Dealers	1	...	...	1	1	...	...	1	1	...	...	1	...	1	2	1	4
221	Sugar and *Gol* Makers and Dealers	1	1	...	2	...	1	...	1	...	...	...	...	...	...	...	...	3
222	Grocers, Spice Dealers	1	3	1	5	2	6	3	11	3	4	3	10	4	9	12	25	51
223	Tea Dealers and Tasters	3	1	1	5	1	2	4	7	2	2	2	6	...	2	6	8	26
224	Tobacco and Snuff Manufacturers & Sellers	3	1	...	4	1	...	...	1	...	1	1	2	...	1	5	6	13
225	Opium, Chundool Sellers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
226	Bhang, Ganja Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
227	Pán and Betel Sellers	4	4	3	11	3	1	2	6	2	4	4	10	2	3	16	21	48
228	Perfume Makers and Dealers	1	1	...	2	1	...	...	1	...	...	...	...	1	1	...	2	5
229	Makers and Sellers of Sherbet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
230	Ditto ditto Vinegar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	13. Animal Substances.																	
231	Soap Makers and Sellers	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
232	Comb Makers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
233	Bone and Horn Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
234	Ivory Carvers and Dealers	...	...	...	...	2	...	...	2	...	...	...	...	1	...	...	1	3
	Leather.																	
235	Hide and Skin Dealers	1	...	1	2	...	...	1	1	...	...	...	...	...	...	...	...	3
236	Tanners and Curriers	...	2	2	4	...	1	...	1	...	...	...	...	1	...	1	2	7
237	Leather Workers and Sellers (not Shoemakers)	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1

	14. Vegetable Substances.																			
	(a) *Gums, Oils, &c.*																			
238	Oil Pressers, Oil Cake Makers and Sellers ...	1	1	...	2	...	...	...	...	1	3	4	8	2	3	5	10		20	
239	Lac Makers	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...		...	
	(b) *Wood, &c.*																			
240	Wood and Timber Dealers.....	4	2	...	6	...	...	1	1	1	3	1	5	2	3	4	9		21	
241	Wood Turners (*Kantaras*).....	...	...	...	...	...	3	1	4	...	...	...	...	1	...	1	2		6	
242	Lacquer Workers.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
243	Bamboo Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
244	Firewood Sellers	...	...	2	2	...	1	...	1	...	2	...	2	3	...	...	3		8	
245	Coopers	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...		...	
246	Broom Makers	1	1	...	2	...	2	1	3	...	...	...	...	1	...	6	7		12	
247	Basket and Cane Workers and Sellers	1	4	3	8	2	...	2	4	1	1	...	2	2	1	5	8		22	
248	Grass and Forage Dealers	1	2	1	4	...	...	...	...	...	...	...	...	1	1	2	4		8	
249	Hay Pressers, &c.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
250	Sellers of Grass for Thatch	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
251	Thatchers (*Chapperband*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
	(c) *Paper.*																			
252	Rag Dealers	...	...	...	...	2	...	...	2	...	...	1	1	...	...	3	3		6	
253	Paper Makers.....	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1		1	
254	Stationers and Dealers in Paper	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
	15. Mineral Substances.																			
	(a) *Omitted.*																			
255	Coal Merchants, Shippers, &c.....	...	2	1	3	...	...	...	...	1	...	1	2	...	...	1	1		6	
256	Gas Works Service	...	...	...	...	...	...	1	1	...	1	...	1	...	1	...	1		3	
	(b) *Coal.*																			
257	Charcoal Sellers, &c.....	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...		1	
258	Cowdung Cake Sellers.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
	(c) *Stone-clay.*																			
259	Stone Quarrymen (*Beldars, Valdars, &c.*)...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
260	Stone Cutters (*Patharvats, Salats*).....	2	1	4	7	1	1	3	5	4	2	4	10	3	3	16	22		44	
261	Lime Makers and Sellers (*Lonaris, Chunaras, &c.*)	1	2	...	3	...	...	...	...	...	...	...	...	...	...	...	...		...	
262	Brick, &c., Makers	...	...	...	...	...	2	...	2	...	...	1	1	...	...	...	...		3	
263	Railway Earth Workers.....	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...		3	
264	Grindstone Makers and Sellers (*Chaksalis*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
	(d) *Earthenware.*																			
265	Potters	1	1	...	2	2	1	..	3	..	1	1	2	1	1	2	4		11	
266	Hooka Makers and Sellers.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS V.—INDUSTRIAL—*contd.*																	
	15. Mineral Substances—*contd.*																	
	(e) *Glass.*																	
267	China Glass Dealers	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
268	Glass Makers and Sellers	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	2
269	Bangle Makers and Sellers	...	...	1	1	1	..	1	2	...	...	1	1	1	1	3	5	9
270	Bead Makers and Sellers (*Maniaris*)	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	2
	(f) *Salt.*																	
271	Salt Makers (*Mitagrias, &c.*)	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
272	Salt Brokers and Dealers	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1
	(g) *Water.*																	
273	Water Works Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
274	Well Sinkers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
275	Ice Dealers and Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1
	(h) *Gold, Silver, and Jewellery.*																	
276	Gold and Silver Smiths	9	5	8	22	9	6	5	20	3	7	7	17	5	6	23	34	93
277	Precious Stone Dealers, &c	2	...	1	3	1	1	1	3	...	...	1	1	...	...	2	2	9
278	Lapidaries (Stone Cutters)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
279	Electroplaters	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
280	Plate Dealers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
281	Assayers (*Choksis*), Dealers in Gold, and Sellers	...	...	1	1	1	...	...	1	...	...	...	...	...	...	1	1	3
282	Gold and Silver Lace Makers	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1
283	Wire Drawers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1
284	Gold Washers (*Zarekaris* or *Dhuldhoyas*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(i) *Copper.*																	
285	Coppersmiths	3	4	1	8	...	1	3	4	...	...	4	4	4	6	10	20	36

	(k) *Tin.*																	
286	Tinmen and Tinware Dealers	...	1	2	3	2	2	2	6	2	1	5	8	4	2	13	19	36
	(l) *Brass.*																	
287	Brass Smiths and Dealers in Brass	...	1	...	1	...	...	1	1	1	...	1	2	1	...	1	2	6
288	Locksmiths (*Kunchgars*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
289	Gas Fitters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
290	Lamp and Lantern Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(m) *Iron and Steel.*																	
291	Blacksmiths	4	1	4	9	2	4	6	12	5	2	8	15	3	5	12	20	56
292	Hardware and Ironmongers	3	...	...	3	...	...	...	...	1	...	...	1	1	...	...	1	5
293	Nail Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	VI.—OTHERS AND UNSPECIFIED.																	
	16. INDEFINITE.																	
	(a) *General Labourers.*																	
294	General Labourers and Coolies	144	125	153	422	178	179	133	490	128	190	249	567	241	247	590	1078	2557
295	Mechanics, Artizans (unspecified)	...	1	...	1	...	...	...	...	1	1	...	2	...	...	...	...	3
	(b) *Indefinite.*																	
296	Enginemen, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
297	Factory Labourers (unspecified)	75	72	76	223	98	92	64	254	85	140	107	332	80	105	264	449	1258
298	Shopmen, &c. (unspecified)	6	5	5	16	9	7	7	23	8	9	16	33	22	18	53	93	165
299	Contractors, &c. (unspecified)	2	...	...	2	...	...	1	1	2	3	2	7	4	1	5	10	20
300	Millowners, &c. (unspecified)	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1
	17. PERSONS OF INDEPENDENT MEANS.																	
301	Living on Property (funded rents, &c.)	5	10	8	23	7	10	12	29	5	7	7	19	14	9	17	40	111
302	Pensioners (unspecified)	8	3	6	17	11	3	5	19	14	8	7	29	6	10	2	18	83
	18. OTHERS.																	
303	Mendicants	55	55	59	169	49	45	48	142	44	68	46	158	60	64	130	254	723
304	Prisoners	...	1	1	2	3	1	2	6	3	...	...	3	...	...	1	1	12
305	Prostitutes and Pimps	2	1	3	6	3	6	1	10	9	6	2	17	3	4	6	13	46
306	Others	3	4	1	8	2	3	3	8	7	1	2	10	3	12	12	27	53
307	Males following no occupation	150	142	147	439	115	98	117	330	111	161	128	400	143	172	310	625	1794
308	Females do. do.	415	420	423	1258	453	469	396	1318	449	499	523	1471	578	612	1245	2435	6482
309	Children, Males	507	541	698	1746	648	627	508	1783	638	656	639	1933	679	626	1089	2394	7856
310	Do. Females	490	522	641	1653	658	659	504	1821	578	622	583	1783	608	571	938	2117	7374
	GRAND TOTAL	2307	2351	2674	7332	2679	2567	2155	7401	2442	2838	2775	8055	2994	3024	6243	12261	35049

XXX

DEATHS in different OCCUPATIONS in different LOCALITIES

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS I.—PROFESSIONAL.												
1. General Government.												
(a) *Imperial.*												
1 His Excellency the Governor	...	...	...	...	...	...	...	...	...	...	...	...
2 Governor's Family	...	...	...	...	...	...	...	...	...	...	...	...
3 Government Officials in Civil employ (including Police)	2	2	...	4	...	...	...	1	...	4	2	2
(b) *Local and Municipal Government.*												
4 Persons employed under Municipal and Local Bodies (including Police)	2	8	1	3	24	1	...	14	15	5	6	3
(c) *Foreign Governments and Native States.*												
5 Consuls	...	...	...	...	...	...	...	...	...	...	...	...
6 Native Chiefs, their Staff and Retinue	...	...	...	...	...	...	...	...	...	...	...	...
2. Defence.												
(a) *Army.*												
7 Officers, effective (including Non-Combatants)	...	...	...	...	1	...	...	...	...	...	...	...
8 Soldiers	13	...	...	...	15	...	...	...	...	...	...	...
9 Army Pensioners, &c.	1	...	...	...	2	...	...	2	1	...	10	...
(b) *Navy.*												
10 Naval Officers	...	...	...	...	...	...	...	...	...	...	...	...
11 Seamen (Government)	...	...	...	...	1	...	...	...	...	...	...	...
12 Naval Pensioners, &c.	...	...	...	...	...	...	...	...	...	...	...	...
3. Learned Professions, &c.												
(a) *Ecclesiastical.*												
13 Ministers of Religion, Priests and persons officiating in Churches, Temples, and Mosques, &c.	...	...	...	4	...	1	1	2	1	1	5	...
14 Missionaries	...	...	...	...	...	...	...	...	...	...	...	...
15 Devotees, Bhikshuks, Fakirs, &c.	1	1	...	8	...	13	11	9	...	10	1	13
16 Servants and Officers of Religious Institutions	...	...	...	1	...	...	...	1	...	...	...	...
(b) *Law.*												
17 Barristers and Advocates	...	...	...	...	...	...	...	...	...	...	...	...
18 Solicitors and Attorneys	...	...	...	...	...	...	...	...	...	...	...	...
19 Pleaders and Vakils	...	...	...	...	...	...	...	...	...	...	...	...
20 Law Agents, Interpreters, Mukhtiars, Petition Writers, &c.	...	...	...	...	...	...	...	...	...	...	...	...

IX.

in the CITY of BOMBAY for the year beginning 1st January 1896.

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	1	1	6	...	1	1	2	3	2	3	4	1	...	...	1	...	...	...	...	5	49
2	3	16	5	7	1	...	3	2	7	8	45	35	17	1	5	...	8	11	2	...	8	268
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	30
1	1	1	1	...	...	...	1	2	3	2	4	1	4	1	3	...	...	...	5	...	1	46
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	2	...	2	...	...	...	...	1	...	2	1	...	...	...	...	...	...	1	...	...	3	29
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2
20	19	6	5	8	1	8	2	3	...	11	6	1	7	4	...	...	...	1	1	2	22	194
1	1	1	...	...	...	...	...	1	...	1	...	...	1	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	2	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...	1

	Occupation or Trade of Family.	A					B						
		Colaba.											
		Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
		1	2	3	4	5	1	2	3	4	1	2	3
	CLASS I.—PROFESSIONAL—*contd.*												
	3. Learned Professions, &c.—*contd.*												
	(c) *Medical.*												
21	Physicians and Surgeons (*Licensed*)	...	...	...	1	...	...	...	...	1	2	1	...
22	Medical Assistants, &c.	...	...	...	1	...	...	...	...	...	...	1	...
23	Vaids, Hakims, and Unlicensed Practitioners	...	...	...	...	1	2	...	1	...	1	...	...
24	Dentists	...	...	...	...	...	...	...	...	...	...	...	...
25	Chemists and Druggists	...	...	...	...	...	...	...	1	...	...	...	...
26	Midwives and Nurses	...	1	...	2	1	1	...	2	...	1	18	3
	(d) *Literature, &c.*												
27	Editors, Authors	...	...	...	...	...	...	...	...	...	...	...	...
28	Reporters	...	...	...	...	...	...	...	...	...	...	...	...
29	Officers of Literary Institutions	...	...	...	...	...	...	...	...	...	...	...	...
	(e) *Artists, &c.*												
30	Painters (*Artists*)	...	...	...	...	...	...	...	...	...	...	...	...
31	Sculptors	...	...	...	...	...	...	...	...	...	...	...	...
32	Photographers	...	1	...	...	...	...	...	...	...	...	...	...
33	Drawing Masters	...	...	...	...	...	...	...	...	...	...	...	...
	(f) *Musicians.*												
34	Music Masters and Players	...	...	...	...	...	...	1	1	...	...	...	...
	(g) *Actors, &c.*												
35	Actors, Actresses	...	...	...	...	...	...	...	...	...	...	...	...
36	Theatre Service	...	...	...	...	...	...	...	...	...	...	...	...
37	Dancers, Naykins, &c.	...	...	...	...	...	...	...	...	...	...	...	...
38	Jugglers, Snake Charmers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
39	Billiard Room Keepers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
40	Cricket Club, Gymkhana Service	...	...	...	...	...	...	...	...	...	...	...	...
	(h) *Teachers, &c.*												
41	School Masters, Mistresses	...	...	...	...	...	1	...	...	...	2	...	...
42	Professors, Teachers, &c.	...	...	...	2	...	1	...	1	...	2	1	1
43	Service of Educational Institutions	...	...	...	...	...	...	...	...	...	...	...	...
	(i) *Science.*												
44	Civil Engineers	...	...	...	2	...	...	...	...	...	...	1	...
45	Museum, &c., Service	...	...	...	...	...	...	...	...	...	...	...	...
	CLASS II.—DOMESTIC.												
	4. Omitted.												
46	Hotel and Inn Keepers	...	...	...	...	...	...	1	...	...	...	1	...

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2	...	...	1	5
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	5	..	...	1	...	3	1	...	5	3	2	1	...	...	...	1	1	...	3	55
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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1	4	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	12
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
1	...	...	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	9
...	2	...	...	...	...	...	...	...	...	2	1	...	...	...	1	...	...	1	...	...	...	15
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	3	1	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	1	1	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	1	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	4

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS II.—DOMESTIC—*contd.*												
5. Entertainers, &c.												
(a) *Board and Lodging.*												
47 Lodging-house Keepers	...	...	...	...	...	...	...	...	...	...	...	...
48 Refreshment Houses	...	...	...	...	...	...	...	...	...	...	...	...
49 Institution Service, &c.	...	...	...	...	...	...	...	...	...	...	...	...
50 Service of Clubs	...	...	...	...	...	...	...	...	...	...	...	...
51 Mess Contractors, &c.	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Domestic.*												
52 Indoor Servants	2	4	3	23	3	13	12	13	4	15	63	10
53 Service in Stables, &c.	...	...	...	...	...	...	...	...	...	...	...	...
54 Dhobis (Washermen)	...	4	...	3	...	3	9	16	4	15	2	3
55 Bhistis (Water-carriers)	...	...	...	...	1	...	...	6	...	1	3	1
56 Sweepers (of houses, &c.)	...	...	...	...	1	...	...	...	...	...	...	...
57 Hotel Service	...	...	...	...	...	...	...	...	...	...	...	...
58 Keepers of Cook-houses	...	...	...	...	...	...	...	...	...	...	...	...
59 Servants not otherwise described	...	7	...	9	1	20	14	31	8	9	10	8
CLASS III.—COMMERCIAL.												
6. Mercantile.												
(a) *Merchants, &c.*												
60 General Merchants	1	1	...	14	...	20	15	7	...	...	10	3
61 Merchants in Cotton	...	1	...	1	...	3	...	...	...	...	1	...
62 Merchants in other Special Goods	...	...	...	...	...	...	...	...	...	...	...	...
63 Bankers	...	1	...	1	...	5	1	8	1	4	3	...
64 Money-lenders	...	1	...	...	...	...	...	...	...	...	...	...
65 Service in Banks	...	...	...	2	...	...	...	...	...	...	...	...
66 Insurance Office Service	...	...	...	...	...	...	...	1	...	...	...	...
67 Commercial Agents, Brokers, &c.	...	1	1	25	...	42	12	4	1	32	4	2
68 Salesmen, Bill Collectors, &c.	...	...	...	1	...	...	...	...	...	...	2	...
69 Auctioneers, House Agents	...	...	...	...	...	...	1	...	...	...	...	...
70 Accountants, Auditors	...	...	...	1	...	...	...	...	...	...	...	...
71 Commercial Clerks, &c.	1	2	...	41	...	43	28	8	3	43	28	18
72 Notaries Public	...	...	...	...	...	...	...	...	...	...	...	...
73 Capitalists, Shareholders	...	...	...	...	...	...	...	...	...	...	...	...
74 Emigration Agents	...	...	...	...	...	...	...	...	...	...	...	...
75 Pawnbrokers	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Other General Dealers.*												
76 General Dealers and Shopkeepers (*unspecified*)	...	...	...	...	...	...	...	...	...	...	...	...
77 Itinerant Retailers	...	...	...	3	...	2	21	17	3	3	...	3
78 Pedlars (*Bowallahs—Borahs*)	...	...	...	...	...	...	...	1	...	...	...	...

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	4	3	5	8	2	2	1	13	2	4	9	7	12	1	5	...	4	1	4	1	13	279
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	2	9	1	2	2	5	4	6	1	4	24	11	27	2	5	...	1	10	2	...	2	182
...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	14
...	...	1	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	4	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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16	16	4	7	1	3	4	3	11	4	8	7	3	7	1	10	1	...	2	1	...	17	243
3	2	3	1	1	...	1	2	3	2	...	1	...	1	...	3	...	1	3	...	...	2	100
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	6	1	...	...	...	...	5	...	1	3	...	...	...	...	...	...	...	1	...	...	48
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
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17	...	1	3	1	1	2	4	...	2	...	1	...	...	...	...	...	...	1	...	...	1	158
1	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	1	...	...	7
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...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36	...	13	3	46	5	...	1	10	2	...	2	5	4	2	5	1	1	2	6	1	6	366
...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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5	8	4	...	1	...	...	...	...	...	7	5	2	1	1	...	...	...	...	...	...	4	90
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1

Occupation or Trade of Family.	A					B						
	Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	Upper.	Middle and Lower.										
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS III.—COMMERCIAL—*contd.*												
7. Carriers.												
(a) *On Railways.*												
79 Drivers, Stokers (*Agwallahs*)	...	...	...	...	...	4	...	10	...	...	1	...
80 Station Masters, Clerks, Ticket Collectors	...	...	...	2	...	...	...	...	...	...	...	1
81 Guards, Signalmen, Porters, Police	...	...	...	...	...	1	...	1	1	2	3	1
82 Agents, Managers, Office Service	...	...	...	...	...	...	...	...	...	...	...	...
(b) *On Roads.*												
83 Carriage and Horse Letters, Livery Stable Keepers, &c.	1	3	...	1	...	...	...	...	...	...	...	...
84 Drivers of Public Vehicles (*Buggywallahs, Shigramwallahs, &c.*)	...	...	1	6	...	...	5	14	...	2	4	3
(c) *Omitted.*												
85 Cart Owners and Drivers (*Gadawallahs*)	...	5	...	2	6	16	1	10	14	1	5	1
86 Carriers on Pack Animals (*Wanjaras, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...
(d) *On Seas, &c.*												
87 Ship or Boat Owners	...	...	...	...	...	...	...	...	...	...	...	...
88 Steam Navigation Service	...	...	...	...	...	1	...	6	1	...	1	...
89 Seamen (not Government)	...	...	...	5	...	6	4	20	4	9	9	...
90 Pilots	...	...	...	...	...	...	...	...	...	...	...	...
91 Boatmen	...	...	...	...	...	...	...	...	1	...	...	...
92 Dock and Harbour Officials	...	...	...	1	...	1	...	...	...	...	...	...
93 Dock Labourers	...	...	...	1	1	1	...	4	1	1	...	...
94 Shipping Surveyors and Agents	...	...	...	1	...	...	...	...	...	...	...	...
95 Dubashes	...	...	...	2	...	...	...	...	...	...	...	...
(e) *Storage, &c.*												
96 Warehousemen and Storekeepers	...	...	...	...	...	1	...	...	...	...	1	...
97 Keepers of Cotton, &c., Presses	...	...	...	...	...	...	...	...	...	...	...	...
98 Packers, Weighmen, &c.	...	...	...	...	...	...	...	1	...	...	...	...
(f) *Telegraph (Ry.) and Messages.*												
99 Railway and other Telegraph Service (not Government)	...	...	...	...	...	...	...	...	...	...	...	...
100 Messengers, Porters, &c. (not Government)	...	3	...	6	2	9	2	12	1	6	7	7

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
2	12	1	1	...	...	...	...	2	...	10	3	1	2	1	2	...	...	...	1	...	7	60
...	...	...	...	3	...	...	...	1	...	...	...	...	3	...	...	...	...	1	1	...	2	14
...	2	1	...	...	2	1	...	4	...	2	1	1	1	...	4	...	2	4	4	...	6	44
...	...	...	...	2	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	4
...	...	1	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	10
3	3	5	5	...	2	3	1	...	1	4	2	3	5	2	2	...	...	...	...	...	2	78
1	4	8	14	...	2	...	...	20	8	4	10	15	7	1	3	2	...	4	4	...	3	171
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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1	3	1	...	...	...	...	...	4	...	6	3	...	...	...	...	...	...	...	...	1	4	32
8	5	3	...	...	...	...	...	18	1	5	1	...	...	...	1	...	...	...	...	60	9	168
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2
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...	1	...	2	...	...	...	...	1	...	2	...	1	...	...	...	...	...	...	...	...	2	18
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	1	6	4	16	4	1	3	8	4	4	6	9	7	1	3	2	...	...	1	...	2	143

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
IV.—AGRICULTURE, PASTURE & DEALINGS WITH ANIMALS, &c.												
8. Agriculture and Pasture, &c.												
(a) *Cultivation and Grazing.*												
101 Occupants and Tenants of Land and Cultivators	2	1	...	2	1	...	4	3	2	1	6	2
102 Occupants and Tenants of Land but not Cultivators	...	...	...	...	...	...	...	...	...	...	...	...
103 Farm Day Servants	...	...	...	...	...	...	...	...	...	...	...	...
104 Field Labourers	...	...	...	...	...	...	...	...	...	...	...	...
105 Cattle and Sheep Watchers	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Gardening, &c.*												
106 Gardeners (*Mali* and *Kachia*)	...	1	...	...	2	1	...	1	...	2	...	2
107 Growers and Sellers of Flowers and Garlands.	...	...	...	...	...	..	...	...	...	...	...	1
9. Animals.												
108 Horse Dealers, &c	...	...	...	...	...	...	...	...	...	...	...	...
109 Jockey Grooms (not domestic service)	...	4	...	9	...	7	2	8	2	4	7	3
110 Veterinary Surgeons, Farriers	...	...	...	...	...	...	...	...	...	...	...	1
111 Horse Shoers (*Nalband*)	...	...	...	1	...	...	...	...	...	...	...	...
112 Cattle and Sheep Breeders (*Dhangar, &c.—Wanjari*)	...	...	...	...	...	...	...	...	...	...	...	...
Fishers.												
113 Fishermen, &c	1	7	...	...	...	9	1	1	1	...	5	...
114 Shikaries and Bird Catchers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
115 Leech Dealers	...	...	...	...	...	...	...	...	...	...	...	...
V.—INDUSTRIAL.												
10. Art and Mechanical Productions, (a) *Books.*												
116 Booksellers, Publishers	...	...	...	...	...	...	1	1	...	1	...	...
117 Bookbinders	...	...	...	...	...	...	...	2	3	1	2	...
118 Printers by Steam, Compositors, &c.	...	1	...	3	...	4	...	6	8	3	14	1
119 Newspaper Proprietors, &c.	...	1	...	1	...	...	...	...	...	...	...	...
120 Ditto Agents	...	...	...	...	...	...	...	...	...	...	...	...
121 Library or Book Depôt Keepers	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Musical Instruments.*												
122 Makers, Tuners, &c., of Musical Instruments.	...	...	...	...	...	...	...	...	...	...	...	...
123 Music Sellers, &c.	...	...	...	...	...	...	...	...	...	...	...	...

IX—*continued.*

C			D					E							F			G		Water Division.	Non-Resident and Unknown.	TOTAL.
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.			
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
8	3	3	3	6	1	1	2	2	4	5	4	5	4	1	5	1	8	3	12	...	11	113
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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3	...	2	...	3	1	6	5	3	4	...	...	1	3	...	7	3	6	4	...	...	1	66
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11	3	1	3	4	2	6	1	2	3	8	6	6	11	...	2	...	...	...	2	...	5	122
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2	...	6	3	12	1	...	...	5	1	4	1	3	3	...	...	...	...	...	...	...	2	84
2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	4
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	119																					

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Panaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS V.—INDUSTRIAL—*contd.*												
10. Art and Mechanical Productions—*contd.*												
(c) *Prints, Pictures.*												
124 Lithographers	...	...	...	...	...	...	...	...	...	...	...	...
125 Print Sellers, Publishers	...	...	...	...	...	...	...	...	...	...	...	...
(d) *Carvings, &c.*												
126 Wood Carvers	...	...	...	...	...	...	...	...	1	...	...	...
127 Artificial Flower Makers	...	...	...	...	...	...	...	...	...	...	...	...
128 Figure Casters (*Otarva*)	...	...	...	...	...	...	...	...	...	...	1	...
(e) *Toys, &c.*												
129 Toy and Kite Makers or Sellers	...	...	...	1	...	...	...	1	...	...	...	...
130 Billiard Table Makers	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Engravings, &c.*												
131 Type Founders	...	...	...	...	...	...	...	...	...	...	...	...
132 Seal Engravers	...	...	...	...	...	...	...	...	...	...	...	...
133 Engravers, &c.	...	...	...	...	...	...	...	1	...	...	...	
(g) *Watches, &c.*												
134 Watch and Clock Makers	...	...	...	...	...	...	...	...	...	...	...	...
(h) *Omitted.*												
135 Opticians, &c.	...	...	...	...	...	...	1	...	...	...	...	...
(i) *Arms, &c.*												
136 Gunsmiths	...	...	...	...	...	...	1	...	...	1	...	...
137 Sword Makers and Polishers (*Shikelgars*)	...	...	...	...	...	...	...	...	...	...	...	...
138 Gunpowder Makers	...	...	...	...	...	...	...	...	...	...	...	...
(k) *Machines and Tools.*												
139 Engine Makers (Fitters, &c.)	...	1	...	1	...	1	2	6	11	3	10	1
140 Spinning, Weaving, &c., Machine Makers	...	...	...	...	...	...	...	...	...	...	...	...
141 Tool Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
142 Cutlers and Grinders	...	...	...	...	...	...	...	...	...	2	...	...
(l) *Carriages, &c.*												
143 Carriage, Cart, and Palki Makers	...	...	...	...	...	...	...	...	...	...	...	...
144 Railway Carriage Makers, Fitters, &c.	...	...	...	...	...	...	...	...	...	...	...	...
(m) *Harness.*												
145 Saddle and Harness Makers	...	...	...	...	...	...	...	1	...	1	...	...
146 Saddle Cloth, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...
147 Whip and Stick Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...

IX—continued.

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
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1	3	2	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	8
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11	5	8	4	6	...	1	...	8	1	18	14	2	5	...	3	1	...	3	5	...	3	184
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Occupation or Trade of Family.	A					B						
	Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	Upper.	Middle and Lower.										
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS V.—INDUSTRIAL—*contd.*												
). Art and Mechanical Productions—*contd.*												
(n) *Boats and Ships.*												
148 Boat and Ship Builders	...	...	...	...	...	1	...	...	...	...	...	...
149 Sailmakers	...	...	...	...	...	...	...	...	...	...	...	...
150 Ship-Chandlers	...	...	...	...	...	...	...	...	...	...	...	...
(o) *Houses and Buildings.*												
151 House-owners, &c.	...	...	...	...	...	...	...	...	...	...	...	...
152 Architects	...	...	...	...	...	...	...	...	...	...	...	...
153 Surveyors and Draftsmen	...	...	...	...	...	...	...	...	...	...	...	...
154 Builders and Contractors	...	...	...	...	...	...	...	...	...	...	...	...
155 Carpenters, Joiners, Sawyers	...	2	...	11	1	15	16	23	11	7	13	3
156 Masons and Bricklayers	...	1	...	...	...	3	...	6	5	3	1	1
157 Tile Turners	...	...	...	...	...	...	...	...	...	...	...	2
158 Plumbers	...	...	...	1	...	...	...	1	1	...	...	...
159 House and Wall Painters	...	...	...	...	...	...	...	3	1	...	6	...
160 Marble Cutters and Dealers	...	...	...	...	...	...	...	...	...	...	...	...
(p) *Furniture, &c.*												
161 Furniture Makers and Dealers and Upholsterers	...	...	...	...	...	2	3	4	1	4	3	1
162 Carvers and Gilders	...	...	...	...	...	1	...	...	1	...	...	...
163 Undertakers and Carriers of Dead Bodies	...	...	...	...	...	...	...	...	...	...	...	...
164 Curiosity Dealers	...	...	...	...	...	...	...	...	...	...	...	...
(q) *Chemicals and Combustibles.*												
165 Fireworks Makers, &c	...	...	...	...	...	...	...	...	...	...	...	...
166 Matches Makers, &c	...	...	...	...	...	...	...	...	...	...	...	...
167 Saltpetre Makers, &c	...	...	...	...	...	...	...	...	...	...	...	...
168 Ink, &c., Makers	...	...	...	...	...	...	...	1	1	1	...	...
11. Textile Fabrics.												
(a) *Wool.*												
169 Blankets and Woollen Makers and Cleaners by Steam	...	...	...	...	...	...	...	...	...	...	...	...
170 Blankets and Woollen Makers and Wool Cleaners by Hand	...	...	...	...	...	1	...	1	...	...	...	...
171 Felt (*Namda*) Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
172 Fullers	...	...	...	...	...	...	...	...	...	...	...	...
173 Carpet and Rug Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
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14	7	29	7	18	3	...	2	23	2	3	9	3	4	1	10	1	...	16	7	1	5	267
9	13	10	5	3	1	...	1	1	...	2	59	1	2	...	...	...	2	6	2	1	2	140
...	...	...	2	7	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	12
...	2	4	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	1	13
1	1	5	1	3	...	...	...	3	1	4	5	2	2	...	2	...	1	1	1	...	...	43
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	2	2	1	...	...	...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	27
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	Occupation or Trade of Family.	A					B						
		Colaba.											
		Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dougri.	Market.	Dhobi Talao.	Fanaswadi.
		1	2	3	4	5	1	2	3	4	1	2	3
	CLASS V.—INDUSTRIAL—*contd.*												
	11. Textile Fabrics—*contd.*												
	(b) *Silk.*												
174	Silk Workers by Hand	...	...	...	...	...	1	...	1	...	...	...	...
175	Ditto by Steam	...	...	...	...	...	...	...	...	...	...	...	...
176	Silk Dyers	...	...	...	...	...	...	...	...	...	...	...	...
177	Silk Makers	...	...	...	...	...	...	...	...	...	...	...	...
	(c) *Cotton and Flax.*												
178	Cotton Dyers	...	...	...	...	...	...	6	2	1	...	...	...
179	Lace Makers, &c.	...	...	...	..	...	...	..	3	...	...	...	...
180	Tape Makers, &c. (*Raval*)	...	...	...	...	...	...	...	...	...	...	...	...
181	Cotton Spinners, Cleaners and Weavers by Steam	...	1	...	...	...	...	...	...	1	...	...	...
182	Cotton Spinners, Cleaners and Weavers by Hand	..	...	...	...	...	...	4	5	...	...	...	...
183	Mill Managers, Clerks, &c.	...	...	...	1	...	...	...	...	...	...	2	...
184	Calico Printers	...	...	...	...	...	...	...	...	...	2	...	...
185	Calenderers	...	...	...	...	...	...	...	...	...	...	...	...
	(d) *Miscellaneous Workers.*												
186	Spinners and Weavers and Factory Workers (unspecified)	...	1	...	1	...	1	2	20	4	...	1	...
187	Embroiderers and Brocade, &c., Makers	...	...	...	...	...	...	2	8	...	...	...	...
188	Cotton Goods Sellers, Drapers	...	...	...	2	...	5	13	13	...	23	4	...
	(e) *Dress.*												
189	Barbers, Hair Dressers, &c.	...	...	...	1	...	2	...	5	...	4	1	...
190	Turban, Cap and Hat Makers	...	...	...	2	...	...	1	3	...	...	...	...
191	Turban Folders	...	...	...	1	...	1	1	1	...	...	...	...
192	Caste-mark Makers	...	...	...	...	...	...	...	...	...	...	...	...
193	Tailors	...	5	1	3	...	10	14	17	6	5	25	6
194	Milliners and Dress Makers	...	...	...	...	...	...	...	...	...	...	...	...
195	Glove and Stocking Makers	...	...	...	...	...	...	...	...	...	...	...	...
196	Shoe and Boot Makers	...	1	...	...	...	7	2	11	...	2	8	1
197	Button Makers	...	...	...	...	...	...	...	...	...	...	...	...
198	Umbrella Makers and Sellers	...	...	...	...	...	...	1	1	...	1	...	...
199	Shawl Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
200	Punkha and Fan Makers	...	...	...	...	...	...	...	...	...	...	...	...
	(f) *Jute, Tents, Ropes, &c.*												
201	Workers and Sellers of Jute	...	...	...	1	...	12	3	1	...	1	...	...
202	Rope and Cord Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
203	Tent Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...
204	Coir Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...

IX—*continued.*

C			D					E							F			G				
Bhuleshwari.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
3	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	8
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20	...	6	1	1	...	...	...	...	...	3	1	1	2	...	...	1	5	1	...	...	...	51
1	...	...	...	...	...	...	...	...	...	1	3	...	...	...	...	...	...	...	...	...	...	8
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1	12	5	7	...	...	...	...	1	...	53	38	25	77	8	...	...	...	1	...	...	6	264
2	6	1	...	...	1	...	...	...	...	1	...	...	2	...	...	...	...	...	...	...	1	24
6	2	5	2	...	...	...	...	...	...	1	...	...	1	...	...	...	...	1	1	...	...	79
7	1	4	6	...	...	...	...	...	2	4	2	8	10	2	2	...	2	...	2	...	2	67
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
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13	6	16	8	11	1	1	...	7	...	5	10	2	4	...	3	1	...	2	...	...	...	182
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9	33	18	2	...	...	...	...	1	...	26	23	5	16	...	5	...	3	...	3	...	1	177
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Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS V.—INDUSTRIAL—*contd.*												
12. Foods, Drinks and Stimulants.												
(a) *Animal Food.*												
205 Cow Keepers, Milk Sellers	...	2	...	6	...	1	1	4	2	12	24	2
206 Sellers of Ghee, Butter, Cheese	...	...	...	3	...	3	1	1	...	1	...	...
207 Butchers, Slaughtermen and Meat Sellers	...	...	...	...	...	3	7	18	1	...	1	...
208 Fowl Sellers (Poulterers)	...	...	...	...	...	...	1	2	...	...	...	...
209 Fish Salesmen	...	...	..	...	...	1	...	...	...	...	...	...
210 Provision Dealers, Bazar Suppliers	...	...	...	...	...	...	...	...	...	...	1	...
(b) *Vegetable Food.*												
211 Grain, Pulse and Flour Dealers	1	2	...	2	...	58	5	10	4	9	6	5
212 Millers (*Gola*), (Grinders & Huskers of Grain)	...	...	...	...	...	...	1	...	2	2	...	...
213 Grain Parchers (*Bhadbhunjas*)	...	...	...	...	...	...	...	...	...	...	...	...
214 Bakers	...	...	...	...	...	...	3	9	...	...	2	...
215 Sweetmeat Makers & Sellers & Pastry Cooks	..	3	...	...	1	2	2	4	4	2	1	2
216 Fruit and Vegetable Dealers	...	1	...	...	...	25	11	14	12	3	3	4
(c) *Drinks and Stimulants.*												
217 Brewers	...	...	...	...	...	...	...	...	...	...	...	...
218 Wine and Spirit Dealers	...	...	...	1	...	...	...	2	1	...	3	...
219 Distillers and Toddy Drawers	...	...	...	...	...	...	...	2	...	1	...	...
220 Soda Water, &c., Makers and Dealers	...	...	...	...	...	1	...	...	...	...	...	...
221 Sugar and *Gol* Makers and Dealers	...	...	...	...	...	1	...	1	...	...	...	...
222 Grocers, Spice Dealers	...	1	...	1	...	8	3	1	...	5	...	...
223 Tea Dealers and Tasters	...	1	...	3	...	1	2	9	...	1	...	...
224 Tobacco and Snuff Manufacturers and Sellers	...	...	...	...	...	2	...	...	...	2	...	...
225 Opium, Chundool Sellers, &c	...	...	...	...	...	...	...	...	...	...	...	...
226 Bhang, Ganja Sellers	...	...	...	...	...	...	...	...	...	...	...	...
227 Pán and Betel Sellers	...	...	...	1	...	1	1	12	3	6	1	1
228 Perfume Makers and Dealers	...	...	...	...	...	...	2	...	...	...	...	...
229 Makers and Sellers of Sherbet	...	...	...	...	...	...	...	...	...	...	...	...
230 Ditto ditto Vinegar	...	...	...	...	...	...	...	...	...	...	...	...
13. Animal Substances.												
231 Soap Makers and Sellers	...	...	...	...	...	...	...	1	...	...	...	...
232 Comb Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
233 Bone and Horn Dealers	...	...	...	...	...	...	...	...	...	...	...	...
234 Ivory Carvers and Dealers	...	...	...	...	...	...	...	2	...	...	...	...
Leather.												
235 Hide and Skin Dealers	...	...	...	...	...	...	1	...	...	...	...	...
236 Tanners and Curriers	...	...	...	...	...	...	...	...	...	...	...	...
237 Leather Workers & Sellers (not Shoemakers)	...	...	...	...	...	...	...	...	...	...	...	...

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
5	2	2	7	3	...	...	1	6	...	3	8	2	2	10	2	1	...	2	2	...	3	115
..	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	9
...	8	1	...	...	...	...	...	...	...	...	1	...	2	1	...	...	1	1	...	1	...	46
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6	15	3	2	4	1	...	3	19	1	...	6	4	5	2	5	1	...	3	1	...	...	183
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	1	...	...	...	...	...	2	...	...	...	...	...	1	...	...	...	...	...	...	...	4
...	3	...	...	...	...	...	...	1	1	3	...	...	...	1	2	...	...	...	...	...	...	30
6	1	6	4	1	...	...	...	2	1	2	1	2	6	4	1	...	1	...	1	...	2	62
3	5	8	5	3	1	...	6	7	8	4	4	...	26	9	10	...	1	2	5	...	1	181
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
...	1	2	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...	...	...	14
...	...	1	1	2	1	...	...	1	...	...	...	...	...	2	...	...	2	19	1	...	...	33
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4	3	6	...	1	...	...	...	1	1	..	5	1	5	2	1	...	...	1	...	...	1	81
2	4	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	..	...	...	26
...	...	1	...	...	...	...	...	1	...	1	4	...	...	...	...	...	1	1	...	...	...	13
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3	2	2	3	2	...	...	...	1	...	1	3	..	4	...	...	...	...	...	1	...	...	48
..	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
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	Occupation or Trade of Family.	A					B						
		Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
		Upper.	Middle and Lower.										
		1	2	3	4	5	1	2	3	4	1	2	3
	CLASS V.—INDUSTRIAL—*contd.*												
	14. Vegetable Substances.												
	(a) *Gums, Oils, &c.*												
238	Oil Pressers, Oil Cake Makers and Sellers	...	...	...	...	...	1	...	3	...	..	1	...
239	Lac Makers	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Wood, &c.*												
240	Wood and Timber Dealers	...	...	...	...	...	3	6	5	...	...	...	...
241	Wood Turners (*Kantaras*)	...	...	...	...	...	1	...	...	2	...	...	...
242	Lacquer Workers	...	...	...	...	...	...	...	...	...	...	...	...
243	Bamboo Dealers	...	...	...	...	...	...	...	...	...	...	...	...
244	Firewood Sellers	...	...	...	1	...	1	2	1	...	...	...	...
245	Coopers	..	...	...	...	...	...	...	...	...	...	1	...
246	Broom Makers	...	...	...	...	...	...	...	...	...	...	...	...
247	Basket and Cane Workers and Sellers	1	...	...	...	...	1	2	11	...	...	...	...
248	Grass and Forage Dealers	...	...	...	...	...	1	...	...	1	1	...	...
249	Hay Pressers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
250	Sellers of Grass for Thatch	...	...	...	...	...	...	...	...	...	...	...	...
251	Thatchers (*Chapperband*)	...	...	...	...	...	...	...	...	...	...	...	...
	(c) *Paper.*												
252	Rag Dealers	...	...	...	...	...	...	1	1	...	...	...	...
253	Paper Makers	...	...	...	...	...	...	...	...	...	...	...	...
254	Stationers and Dealers in Paper	...	...	...	...	..	...	...	...	...	1	...	...
	15. Mineral Substances.												
	(a) *Omitted.*												
255	Coal Merchants, Shippers, &c	...	...	...	1	...	1	...	1	...	...	...	...
256	Gas Works Service	...	1	...	...	...	...	...	...	...	1	...	...
	(b) *Coal.*												
257	Charcoal Sellers, &c	...	...	...	...	...	...	1	...	...	...	...	...
258	Cowdung Cake Sellers	...	...	...	...	...	...	...	...	...	...	...	...
	(c) *Stone-clay.*												
259	Stone Quarrymen (*Beldars, Valdars, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...
260	Stone Cutters (*Patharvats, Salats*)	...	...	...	...	...	...	...	6	3	...	...	...
261	Lime Makers and Sellers (*Lonaris, Chunaras, &c.*)	...	...	...	...	1	...	2	...	...	...	...	...
262	Brick, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...
263	Railway Earth Workers	...	...	...	...	...	...	...	...	...	...	...	...
264	Grindstone Makers and Sellers (*Chaksalis*)	...	...	...	...	...	...	...	...	...	...	...	...

IX--*continued.*

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Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
10	4	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
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	Occupation or Trade of Family.	A					B						
		Colaba.											
		Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
		1	2	3	4	5	1	2	3	4	1	2	3
	CLASS V.—INDUSTRIAL—*contd.*												
	15. Mineral Substances—*contd.*												
	(d) *Earthenware.*												
265	Potters	...	...	...	...	...	...	...	...	...	...	1	...
266	Hooka Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
	(e) *Glass.*												
267	China Glass Dealers	...	...	...	...	...	...	...	...	...	...	...	...
268	Glass Makers and Sellers	...	...	...	...	...	...	...	...	1	...	...	...
269	Bangle Makers and Sellers	...	...	...	...	...	...	...	1	...	1	...	...
270	Bead Makers and Sellers (*Maniaris*)	...	...	...	...	...	...	...	1	...	...	...	...
	(f) *Salt.*												
271	Salt Makers (*Mitagrias, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...
272	Salt Brokers and Dealers	...	...	...	...	...	...	..	1	...	...	...	...
	(g) *Water.*												
273	Water Works Service	...	...	...	...	...	...	...	...	...	...	...	...
274	Well Sinkers	...	...	...	...	...	...	...	...	...	...	...	...
275	Ice Dealers and Makers	...	...	...	...	...	...	...	...	...	...	...	...
	(h) *Gold, Silver, and Jewellery.*												
276	Gold and Silversmiths	1	1	...	1	...	6	10	6	1	15	8	4
277	Precious Stone Dealers, &c.	...	1	...	...	...	1	2	...	...	4	...	...
278	Lapidaries (Stone Cutters)	...	...	...	...	...	...	...	...	...	...	...	...
279	Electroplaters	...	...	...	...	...	...	...	...	...	...	...	...
280	Plate Dealers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
281	Assayers (*Choksis*) Dealers in Gold and Sellers	...	...	...	...	...	...	1	...	...	...	...	...
282	Gold and Silver Lace Makers	...	...	...	...	...	...	...	...	...	...	...	...
283	Wire Drawers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
284	Gold Washers (*Zarcharis* or *Dhuldhoyas*)	...	...	...	...	...	...	...	...	...	...	...	...
	(i) *Copper.*												
285	Coppersmiths	...	1	...	...	...	1	...	2	1	...	...	3
	(k) *Tin.*												
286	Tinmen and Tinware Dealers	...	1	...	...	...	3	2	8	1	1	...	...
	(l) *Brass.*												
287	Brass Smiths and Dealers in Brass	...	...	...	...	...	...	...	...	...	1	...	...
288	Locksmiths (*Kunchgars*)	...	...	...	...	...	...	...	...	...	...	...	...
289	Gas Fitters	...	...	...	...	...	...	...	...	...	...	...	...
290	Lamp and Lantern Makers	...	...	...	...	...	...	...	...	...	...	...	...

IX – *continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	1	1	...	...	...	...	...	...	1	...	...	...	...	..	...	...	1	3	3	...	...	11
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
4	...	12	...	9	2	...	...	1	...	...	1	...	3	1	1	...	3	2	...	...	1	93
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	1	10	1	5	...	...	...	3	...	...	2	...	...	...	2	...	...	1	...	...	...	36
2	9	1	...	...	...	...	...	3	1	3	...	...	1	...	...	...	...	...	...	...	...	36
...	2	2	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS V.—INDUSTRIAL—*concld.*												
15. Mineral Substances—*concld.*												
(m) *Iron and Steel.*												
291 Blacksmiths	...	...	...	...	...	2	15	5	...	3	...	...
292 Hardware and Iron Mongers	...	...	...	...	...	...	1	...	...	...	...	...
293 Nail Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
VI.—OTHERS AND UNSPECIFIED.												
16. Indefinite.												
(a) *General Labourers.*												
294 General Labourers and Coolies	3	73	3	40	19	173	30	170	249	78	125	65
295 Mechanics, Artizans (unspecified)	...	...	...	...	...	...	...	..	..	...	...	...
296 Enginemen, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Indefinite.*												
297 Factory Labourers (unspecified)	...	33	...	3	..	4	...	15	31	2	16	7
298 Shopmen, &c. (unspecified)	...	1	...	6	...	12	24	16	5	17	11	5
299 Contractors, &c. (unspecified)	...	...	...	...	...	1	2	1	...	1	3	...
300 Millowners, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...
17. Persons of Independent Means.												
301 Living on Property (funded rents, &c.)	...	...	...	4	..	15	11	12	2	6	6	2
302 Pensioners (unspecified)	...	...	1	6	...	1	...	2	1	3	10	4
18. Others.												
303 Mendicants	16	4	...	25	9	29	30	60	8	16	29	10
304 Prisoners	...	...	...	..	...	...	...	10	...	...	...	...
305 Prostitutes and Pimps	...	...	...	1	...	1	1	...	...	2	...	12
306 Others	1	5	...	4	...	1	1	3	...	2	1	...
307 Males following no occupation	19	36	2	85	4	77	83	157	39	95	103	38
308 Females do. do.	14	76	5	248	21	395	389	611	175	285	326	136
309 Children, Males	16	119	3	257	35	456	394	582	322	337	382	155
310 Do. Females	19	107	...	215	43	435	342	580	305	294	388	151
Grand Total	118	542	21	1135	197	2024	1617	2749	1302	1453	1766	714

IX—*concluded.*

C			D					E							F			G		Water Division.	Non-Resident and Unknown.	TOTAL.
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.			
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
7	...	8	...	...	...	...	...	1	...	3	1	1	8	...	...	..	1	...	...	...	1	56
...	4	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
43	54	167	80	67	21	15	17	135	41	66	269	70	141	42	57	22	40	56	70	2	54	2557
...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
4	5	25	15	32	15	7	37	120	109	14	68	55	195	16	153	20	32	53	157	...	15	1258
9	6	12	2	5	...	3	1	...	1	2	8	1	6	1	2	2	1	...	1	...	5	165
1	1	...	...	1	...	...	...	1	1	...	2	...	3	1	..	...	...	...	...	...	1	20
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	..	...	...	...	...	...	...	1
17	1	4	1	11	...	...	1	...	...	6	5	...	1	5	...	...	...	...	1	...	...	111
2	2	1	3	11	1	2	...	3	2	4	4	...	1	3	...	...	3	6	4	...	3	83
41	42	32	20	11	1	12	12	13	4	20	57	24	31	3	12	2	6	16	9	...	119	723
...	...	...	...	...	...	...	...	...	...	..	...	...	2	...	..	...	...	...	...	...	...	12
1	5	3	3	11	...	...	...	...	...	...	4	1	...	1	..	...	...	...	...	...	...	46
1	...	5	1	...	1	...	...	2	3	4	3	2	5	...	...	...	...	...	1	1	6	53
92	79	45	56	65	22	17	13	60	38	88	83	36	93	16	37	10	30	38	28	10	100	1794
390	350	291	164	246	42	50	47	231	89	335	384	104	368	70	127	30	99	135	137	2	110	6482
321	350	354	215	276	54	71	81	318	178	272	393	250	563	109	226	61	138	158	261	5	144	7856
274	333	320	214	282	50	47	64	298	200	259	383	245	511	124	214	42	143	142	232	1	117	7374
1545	1526	1572	939	1244	252	270	323	1431	746	1335	2059	974	2274	467	961	216	562	734	1015	92	874	35049

XL.

STILL-BORN in different RACES and CASTES, arranged in Quarters, for the Year beginning 1st January 1896.

	MALES.															FEMALES.															PERSONS.														
	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, Low-Caste.	Musulman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, Low-Caste.	Musulman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, Low-Caste.	Musulman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.
January	..	1	1	..	44	10	12	5	1	1	..	..	..	..	1	76	..	1	..	..	27	8	13	5	..	2	..	..	..	..	4	60	..	2	1	..	71	18	25	10	1	3	..	..	..	..	5	136
February	2	2	..	1	23	5	13	3	1	..	..	1	..	..	4	55	..	..	..	2	17	5	13	4	..	1	..	..	..	..	1	43	2	2	..	3	40	10	26	7	1	1	..	1	..	..	5	98
March	3	3	..	1	38	14	14	4	3	2	..	1	..	..	..	83	3	2	..	1	31	7	9	4	..	..	..	..	..	..	..	57	6	5	..	2	69	21	23	8	3	2	..	1	..	..	..	140
Quarter 1st	5	6	1	2	105	29	39	12	5	3	..	2	..	..	5	214	3	3	..	3	75	20	35	13	..	3	..	..	..	..	5	160	8	9	1	5	180	49	74	25	5	6	..	2	..	..	10	374
April	..	..	..	1	25	16	15	3	..	2	1	1	..	..	2	66	2	..	..	..	20	5	14	3	1	2	..	1	..	..	..	48	2	..	..	1	45	21	29	6	1	4	1	2	..	..	2	114
May	..	1	..	1	47	7	18	3	..	..	..	..	..	..	2	79	1	1	..	..	29	7	14	4	1	2	..	..	..	..	2	61	1	2	..	1	76	14	32	7	1	2	..	..	..	..	4	140
June	2	3	..	..	28	6	16	5	1	4	..	..	..	..	1	66	1	3	..	1	32	6	9	7	..	..	..	1	..	..	..	60	3	6	..	1	60	12	25	12	1	4	..	1	..	..	1	126
Quarter 2nd	2	4	..	2	100	29	49	11	1	6	1	1	..	..	5	211	4	4	..	1	81	18	37	14	2	4	..	2	..	..	2	169	6	8	..	3	181	47	86	25	3	10	1	3	..	..	7	380
July	4	4	..	..	39	11	28	3	2	2	..	..	..	..	1	94	3	1	..	..	24	4	7	4	1	2	1	..	..	..	2	49	7	5	..	..	63	15	35	7	3	4	1	..	..	..	3	143
August	5	3	..	..	55	8	17	5	..	4	..	..	1	..	4	102	..	2	..	2	35	7	18	2	..	1	..	..	..	..	..	67	5	5	..	2	90	15	35	7	..	5	..	1	..	..	4	169
September	3	..	..	3	48	10	22	2	..	4	..	1	..	..	..	93	2	2	..	..	37	7	12	3	1	1	..	..	..	..	1	66	5	2	..	3	85	17	34	5	1	5	..	1	..	..	1	159
Quarter 3rd	12	7	..	3	142	29	67	10	2	10	..	1	1	..	5	289	5	5	..	2	96	18	37	9	2	4	1	..	..	..	3	182	17	12	..	5	238	47	104	19	4	14	1	2	..	..	8	471
October	2	3	..	1	34	6	24	2	3	4	..	1	..	..	..	80	5	1	..	..	16	6	11	3	..	4	..	..	..	..	..	46	7	4	..	1	50	12	35	5	3	8	..	1	..	..	..	126
November	3	4	..	1	37	9	21	3	1	3	1	..	..	..	1	84	..	1	..	..	25	6	15	1	..	..	..	2	..	..	1	51	3	5	..	1	62	15	36	4	1	3	1	2	..	..	2	135
December	4	1	..	2	24	6	22	5	1	2	..	..	..	..	1	68	..	3	..	2	21	3	11	2	..	1	1	..	..	..	..	44	4	4	..	4	45	9	33	7	1	3	1	..	..	..	1	112
Quarter 4th	9	8	..	4	95	21	67	10	5	9	1	1	..	..	2	232	5	5	..	2	62	15	37	6	..	5	1	2	..	..	1	141	14	13	..	6	157	36	104	16	5	14	2	3	..	..	3	373
Year	28	25	1	11	442	108	222	43	13	28	2	5	1	..	17	946	17	17	..	8	314	71	146	42	4	16	2	4	..	..	11	652	45	42	1	19	756	179	368	85	17	44	4	10	..	..	28	1598

XLI.

STILL-BORN in different LOCALITIES, arranged in Quarters, for the Year beginning 1st January 1896.

	A						B					C							D						E								F				G					
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Oomarkhavi.	Dongri.	Total.	Market.	Dhobi Talao.	Panaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-Resident and Unknown.	Total.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2				
January	1	3	..	3	2	9	9	3	10	5	27	4	5	3	1	6	4	23	3	1	2	1	11	18	5	..	4	10	6	7	2	34	6	2	2	10	2	3	5	..	10	136
February	1	1	..	4	2	8	7	8	11	2	28	4	3	1	2	4	2	16	4	4	..	2	1	11	3	2	3	6	2	6	..	23	2	1	1	4	1	1	2	..	6	98
March	..	2	..	4	1	7	10	4	8	1	23	9	12	3	5	7	3	39	5	4	..	3	1	13	12	3	4	7	5	4	1	36	3	..	3	6	1	7	8	..	8	140
Quarter 1st	2	6	..	11	5	24	26	15	29	8	78	17	20	7	8	17	9	78	12	9	2	6	13	42	20	6	11	23	13	17	3	93	11	3	6	20	4	11	15	..	24	374
April	..	3	..	4	2	9	6	4	11	4	25	1	5	..	2	5	3	16	2	3	1	..	1	7	5	3	3	6	7	5	2	31	1	..	4	5	1	7	8	..	13	114
May	..	1	..	6	2	9	6	8	11	2	27	3	6	2	4	6	8	29	7	9	..	..	..	16	5	3	5	5	3	12	3	36	5	1	3	9	4	3	7	..	7	140
June	2	1	..	6	..	9	3	3	13	3	22	3	2	3	6	7	1	22	5	5	2	4	..	16	6	2	3	3	5	9	..	28	4	..	6	10	5	7	12	..	7	126
Quarter 2nd	2	5	..	16	4	27	15	15	35	9	74	7	13	5	12	18	12	67	14	17	3	4	1	39	16	8	11	14	15	26	5	95	10	1	13	24	10	17	27	..	27	380
July	..	1	..	2	1	4	8	8	9	4	29	9	4	1	8	6	1	29	2	9	1	3	4	19	2	2	4	6	6	10	1	31	7	1	6	14	4	4	8	..	9	143
August	..	..	..	4	1	5	8	7	11	6	32	2	8	7	4	3	7	31	5	5	1	1	2	14	7	4	7	10	3	11	1	43	5	2	5	12	5	8	13	..	19	169
September	1	1	..	6	..	8	3	7	6	6	22	5	9	3	7	9	4	37	4	9	1	1	3	18	8	4	6	10	2	9	4	43	6	1	7	14	3	5	8	..	9	159
Quarter 3rd	1	2	..	12	2	17	19	22	26	16	83	16	21	11	19	18	12	97	11	23	3	5	9	51	17	10	17	26	11	30	6	117	18	4	18	40	12	17	29	..	37	471
October	1	2	..	4	..	7	7	12	11	5	35	8	5	4	2	1	4	24	..	3	..	2	..	5	6	5	4	5	2	7	1	30	4	3	2	9	1	3	4	..	12	126
November	1	1	..	4	2	8	7	7	6	2	22	2	10	3	2	5	6	28	6	7	1	2	..	16	13	2	11	8	3	3	..	40	6	..	1	7	2	4	6	..	8	135
Decembe	..	1	..	2	..	3	5	6	13	5	29	3	3	3	7	5	5	26	5	2	1	2	..	10	7	2	3	4	5	9	2	32	3	..	1	4	1	4	5	..	3	112
Quarter 4th	2	4	..	10	2	18	19	25	30	12	86	13	18	10	11	11	15	78	11	12	2	6	..	31	26	9	18	17	10	19	3	102	13	3	4	20	4	11	15	..	23	373
YEAR	7	17	..	49	13	86	79	77	120	45	321	53	72	33	50	64	48	320	48	61	10	21	23	163	79	33	57	80	49	92	17	407	52	11	41	104	30	58	86	..	111	1598

XLII.

NUMBER OF DEATHS AND STILL-BORN in various HINDU CASTES, JAIN AND MUSSULMAN RACES, registered during the Year beginning 1st January 1896.

Castes and Races.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Hindu Castes. *Males.*													
Agree	5	4	4	16	10	12	18	16	9	4	5	25	128
Barotee	1	...	4	1	...	...	...	...	3	1	1	...	11
Beldar	...	...	...	1	...	1	...	...	...	...	...	...	2
Bhat	2	...	...	...	...	...	1	...	...	...	...	...	3
Bhatia	12	14	15	14	15	18	12	11	22	26	15	21	195
Bhoee	5	5	5	2	2	1	3	3	3	4	4	20	57
Bhaosar	8	1	...	2	...	3	2	1	2	3	...	5	27
Bhandaree	27	37	46	31	21	25	28	49	52	38	35	68	457
Kiltay-Bhandaree	...	1	...	4	...	1	3	...	5	...	1	1	16
Bhansali	1	2	4	4	2	...	5	2	6	5	4	3	38
Boorood	2	10	6	2	1	4	...	...	5	1	2	5	38
Bairagi, Gosavee	4	6	4	1	4	5	2	6	6	5	1	10	54
Brahmins	56	44	56	47	55	39	43	45	65	69	73	138	730
Chachee	...	2	...	2	1	2	...	3	2	1	...	7	20
Charkulsee	...	...	...	...	...	3	...	...	1	...	...	1	5
Chutree	2	1	3	...	1	...	1	...	...	2	2	1	13
Dohobee	16	20	17	8	14	8	12	16	10	24	21	52	218
Dewlee	1	...	...	...	1	...	1	...	...	...	...	...	3
Dhungur	4	2	5	1	2	3	5	4	4	4	...	11	45
Gaolee, Aheer	...	2	1	1	1	...	...	1	1	1	...	3	11
Gavundee	1	...	...	1	...	1	...	...	...	1	1	1	6
Gaolee	11	16	9	16	13	8	9	8	10	18	19	32	169
Goorao	...	2	2	...	1	1	...	4	2	1	4	4	21

| | | |

CASTES AND RACES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
HINDU CASTES. *Males*—contd.													
Surtee Kolee	2	...	...	...	...	...	...	1	1	1	...	2	7
Tamilian	...	1	...	...	...	...	...	...	...	...	...	...	1
Taillee	8	10	5	8	10	6	5	13	8	9	9	34	125
Tellungee	3	...	1	...	...	3	...	...	1	...	...	3	11
Thackoor	1	1	...	...	2	1	...	...	...	...	...	1	6
Vaisshya Wanee	20	15	10	20	9	13	17	10	21	14	14	60	223
Wagree	3	5	1	2	2	1	2	5	1	2	3	3	30
Wunjaree	7	1	4	8	8	3	4	2	...	6	9	14	66
HINDU CASTES. *Females.*													
Agree	10	10	3	13	6	15	9	19	9	22	7	22	145
Barotee	...	1	...	1	...	...	3	2	...	...	...	1	8
Beldar	...	...	...	...	...	...	...	1	...	...	1	...	2
Bhat	...	...	...	...	...	...	...	1	...	...	...	1	2
Bhatia	10	15	16	14	13	12	9	9	11	18	15	23	165
Bhoee	...	3	2	1	...	2	1	...	3	3	3	8	26
Bhaosar	...	1	4	2	...	1	...	3	5	3	...	4	23
Bhandaree	36	29	31	29	32	29	41	46	28	38	30	69	438
„ Kite	2	1	...	2	1	...	1	1	...	...	...	...	8
Bhansalee	1	3	2	5	4	3	5	1	3	8	7	1	43
Boorood	9	9	9	5	...	4	...	...	1	...	3	4	44
Bairagi, Gosavee	1	2	2	1	4	1	1	1	1	1	1	3	19
Brahmin	37	35	52	44	45	47	35	45	52	44	49	54	539
Chachee	...	1	4	1	2	...	...	...	2	3	...	5	18
Charkulsee	1	1	...	...	1	2	1	...	...	...	1	3	10
Chutree	1	...	1	...	...	...	1	2	1	...	2	...	8
Dhobee	17	5	11	20	15	14	16	14	15	15	14	38	194
Deolee	...	...	...	...	...	...	...	...	...	...	...	...	...
Dhungur	1	6	8	3	4	...	3	2	...	6	2	13	48

Gaolee, Aheer	4	...	2	...	...	...	...	...	...	1	...	1	...	8
Gavundee	...	...	...	...	...	...	...	...	...	1	...	...	3	4
Gaolee	6	12	13	10	14	13	7	8	11	13	11	38	156
Goorao	2	1	2	4	2	2	3	3	2	...	3	4	28
Gola Rana	...	1	2	2	...	1	...	1	1	...	...	8	16
Jingur	...	...	...	1	1	...	1	1	1	...	...	1	6
Hindu	20	25	15	15	22	11	11	12	15	18	15	22	201
„ Wanee	...	2	...	3	1	...	2	3	...	...	...	...	11
„ Soortee	4	2	4	1	1	5	...	2	4	...	3	7	33
„ Madrasee	...	1	...	1	...	1	1	1	...	...	...	3	8
Kasar	4	6	4	5	6	2	6	5	3	5	9	12	67
Kharwa	6	4	8	3	9	7	5	10	1	4	7	11	75
Khutree	9	13	19	17	19	14	14	11	18	19	24	32	209
Koombhar	1	7	1	3	16	1	5	5	5	3	3	8	58
Kunbee	7	15	13	15	16	10	12	13	11	8	11	19	150
Kostee	...	...	2	2	...	...	3	3	1	1	...	1	13
Kolee	3	7	3	4	6	5	6	5	4	12	21	59	135
„ Soortee	...	...	...	...	...	...	...	...	...	...	...	...	...
Kamatee	...	...	2	4	1	3	...	...	4	1	1	3	19
„ Phoolmalee	6	3	...	...	...	...	...	...	...	...	...	...	9
Komtee	...	...	...	...	...	1	1	...	...	...	...	...	3	5
Lingaet	1	1	1	2	5	1	1	2	4	1	1	5	25
Lohana	17	17	27	22	26	18	25	30	29	56	34	42	343
Lohar	5	5	7	9	10	7	10	8	4	9	4	8	86
Mahadeo Koli	...	...	3	...	...	...	1	...	...	...	...	...	4
Malee	11	17	20	16	27	21	18	20	17	19	23	64	273
Mangelee	...	2	...	3	1	...	1	3	2	1	1	2	16
Mooltanee	...	1	...	...	...	...	...	1	1	1	...	1	5
Marathee	169	173	210	267	256	187	217	282	278	262	284	531	3116
Nahavee	5	6	4	6	8	10	4	6	9	5	7	13	83
Panchkulsee	6	4	2	3	2	4	4	3	4	7	3	12	54
Purbhoo, Kaista	2	2	6	4	6	2	6	3	3	5	...	...	39
„ Pattanay	11	11	10	5	12	9	11	3	5	6	13	17	113
Padamsali	...	...	2	1	1	...	1	2	1	...	4	4	16
Patharwat	...	...	1	...	1	...	1	...	1	...	1	...	5
Purdesree	1	3	7	12	4	4	3	...	5	6	7	11	63
Rajpoot	1	1	1	1	3	...	3	3	...	1	2	5	21
Ramosi	...	...	...	...	...	...	...	...	...	...	...	1	1

Castes and Races.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Hindu Castes. *Females*—(contd.).													
Rawool	...	...	1	1	...	...	...	1	2	1	1	2	9
Salee	...	1	...	1	2	2	...	4	1	3	4	7	25
Shenvee	...	4	2	1	2	6	...	1	...	2	1	...	1	20
Shimpee	...	17	15	13	7	14	5	18	14	18	8	13	27	169
Sonar	...	13	11	22	22	21	11	15	19	12	19	17	39	221
Sone Kolee	...	2	9	3	6	2	17	8	7	4	7	9	22	96
Sutar	...	5	2	5	8	6	6	4	7	7	8	5	9	72
Surtee Kolee	...	...	...	...	...	2	...	1	...	3	...	...	1	7
Tamboli	...	2	...	...	...	...	...	...	...	1	...	1	...	4
Tellee	...	6	2	6	11	8	10	7	5	7	6	12	22	102
Tellungee	...	1	1	2	1	1	...	...	1	...	1	...	3	11
Thackoor	...	...	...	2	1	...	...	...	...	1	...	2	...	6
Vaisshya Wanee	...	14	12	15	13	12	12	20	11	20	15	13	24	181
Wagree	...	2	3	3	3	3	2	2	5	2	...	2	6	33
Wunjaree	...	8	2	7	7	9	2	2	5	4	2	9	14	71
Hindu Low-Castes. *Males.*													
Bhungee	...	9	3	8	6	6	7	20	11	4	8	4	14	100
Chambhar	...	4	5	9	13	9	9	17	8	13	10	12	28	137
Dhed	...	2	2	4	2	6	8	6	4	4	6	7	6	52
Dhore	...	...	...	2	...	...	...	1	1	...	...	1	...	5
Mahar	...	57	83	99	99	57	45	43	60	46	39	58	108	794
Mang	...	8	4	5	3	5	3	5	2	...	2	6	15	58
Mochee	...	30	33	39	34	21	34	27	40	29	38	34	76	435
Purwaree	...	...	...	...	...	...	...	...	1	...	...	...	2	3

HINDU LOW-CASTES.																		
Females.																		
Bhungee	...	...	...	...	...	9	7	5	6	7	8	9	7	9	8	10	6	91
Chambhar	...	...	...	...	...	5	8	6	12	8	7	6	17	15	6	16	9	115
Dhed	...	...	...	...	...	2	7	6	6	4	4	7	4	4	2	3	1	50
Dhore	...	...	...	...	...	1	...	1	...	...	...	1	1	1	2	1	1	9
Mahar	...	...	...	...	...	71	56	83	97	71	42	44	78	60	47	44	92	785
Mang	...	...	...	...	...	2	3	4	1	2	2	3	1	8	...	8	7	41
Mochee	...	...	...	...	...	29	18	31	25	30	20	27	44	28	39	16	53	360
Purwaree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	2
MUSSULMAN.																		
Males.																		
Arab	...	...	...	...	...	2	5	7	2	2	...	...	2	2	1	2	4	29
Borah	...	...	...	...	...	28	13	19	21	18	13	15	21	22	25	28	55	278
Khoja	...	...	...	...	...	19	21	25	20	14	17	21	11	6	23	42	47	266
Memon	...	...	...	...	...	56	61	65	60	42	45	51	67	60	66	84	138	845
Moghul	...	...	...	...	...	4	3	2	4	2	4	2	4	3	2	2	2	34
Pathan	...	...	...	...	...	9	8	8	11	9	7	9	9	9	13	6	28	126
Shaik	...	...	...	...	...	56	51	69	43	47	67	63	51	57	62	87	182	835
Syed...	...	...	...	...	...	7	6	13	5	5	5	4	5	6	3	6	12	77
Mussulman	...	...	...	...	...	147	138	155	167	121	126	136	203	155	179	171	416	2105
MUSSULMAN.																		
Females.																		
Arab	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	1	3
Borah	...	...	...	...	...	17	18	21	26	26	21	27	24	17	22	19	35	273
Khoja	...	...	...	...	...	8	15	13	11	20	15	20	22	14	22	29	44	233
Memon	...	...	...	...	...	59	66	57	57	70	39	49	70	80	66	96	147	856
Moghul	...	...	...	...	...	...	2	3	3	1	1	4	2	3	3	1	1	24
Pathan	...	...	...	...	...	9	5	7	15	8	5	10	5	10	9	10	26	119
Sahik	...	...	...	...	...	48	46	55	45	51	57	44	45	54	67	79	149	740
Syed	...	...	...	...	...	5	9	7	10	7	3	2	5	5	6	10	16	85
Mussulman	...	...	...	...	...	97	121	124	108	106	109	123	126	131	141	151	334	1662

Castes and Races.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Jain.													
Males.													
Bania	2	6	2	3	5	2	3	3	3	7	5	17	58
„ Kapol	6	5	5	3	5	6	5	7	4	8	11	15	80
Vissa Lar Bania	2	...	8	1	1	1	1	1	...	...	...	1	16
Lar Wanee	...	...	1	3	...	2	1	2	5	1	...	3	18
Vissa Lar Wanee	...	...	...	2	3	1	5	1	1	2	3	4	22
Mor Wanee	...	...	1	2	2	3	2	2	1	4	2	2	23
Vissa Mor	...	...	...	1	...	...	1	...	...	...	2	2	6
Dussa Mor	...	...	3	...	5	1	...	1	2	1	2	4	4	23
Misharee Wanee	...	...	1	1	...	...	...	...	...	...	...	...	...	2
Vissa Ooswar Wanee	...	...	7	7	8	12	13	6	9	7	27	54	26	42	218
Dussa „ „	...	...	3	10	6	6	7	3	6	3	12	28	4	3	91
Vissa Porwal	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Dussa Porwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marwari	...	...	1	4	4	5	5	3	2	2	6	8	10	37	87
Vissa Ooswar Marwari	...	...	1	1	...	...	...	...	...	3	1	...	4	9	19
„ Shreemalee	...	...	...	4	1	2	2	...	...	2	3	1	4	1	20
Dussa „	...	...	4	4	2	...	...	...	...	...	...	...	...	...	10
Shreemalee Wanee	...	...	4	...	12	12	9	6	8	10	7	9	9	19	105
Agarwala Bania	...	...	...	...	1	...	...	2	...	4	2	3	4	3	19
„ Marwaree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vissa Sortia	...	...	...	...	1	1	1	1	...	...	...	...	...	...	4
Dussa „	...	...	3	3	...	...	...	...	...	...	...	...	...	...	6
„ Daiswar Bania	...	...	5	...	...	...	...	...	...	...	...	...	...	1	6
Vissa Nagar „	...	...	1	...	1	...	...	...	3	...	2	3	4	14
Dussa Porwal Wanee	...	...	1	3	2	1	1	1	...	2	...	1	1	5	18
Porwal Bania	...	...	...	3	...	...	2	2	...	1	2	...	2	1	13
Shrawak Wanee	...	...	1	...	...	1	...	...	1	...	...	...	...	3	6
Dussa Nagar Wanee	...	...	...	...	...	...	1	...	...	...	1	...	...	...	2
Goozar Wanee	...	...	1	...	...	...	...	...	1	...	...	3	...	2	7

Sortia „ ...	...	...	...	1	...	...	5	...	1	...	...	...	1	2	2	12
Dussa Sortia Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Zarola Bania ...	...	...	...	...	1	...	...	...	...	1	...	...	...	1	...	3
Ooswar Marwaree...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nagar Wanee ...	...	...	...	1	1	1	2	3	4	1	1	1	...	2	4	19
Dussa Nagar Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sortia Wani ...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	2
Vissa Porwal Bania	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	3
Dussa Wanee ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Ooswar „ ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Vissa „ ...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Wanee ...	...	...	...	3	3	6	2	1	2	...	4	5	3	2	14	45
Patna Wanee ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1

JAIN.

Females.

Bania ...	...	...	...	3	...	2	2	5	...	...	1	4	1	2	4	24
„ Kapol	...	...	...	4	6	7	3	5	3	9	6	3	8	8	13	75
Vissa Lar Bania	...	...	...	2	1	3	3	3	1	...	1	1	...	...	1	16
Lar Wanee..	...	...	...	2	1	...	3	...	1	2	3	4	1	1	1	19
Vissa Lar Wanee ...	...	...	...	1	...	...	...	1	1	2	3	1	3	2	5	19
Mor Wanee...	...	...	...	2	1	1	2	2	1	...	...	3	2	2	6	22
Vissa Mor ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
Dussa Mor ...	...	...	...	...	1	1	...	3	2	1	...	...	...	2	1	11
Misharee Wanee ...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
Vissa Ooswar Wanee	...	...	...	3	3	12	7	7	9	13	12	9	18	11	12	116
Dussa „ „	...	...	...	4	3	3	8	4	5	10	2	6	19	3	3	75
Vissa Porwal ...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	3
Dussa „ ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marwari ...	...	...	...	1	...	1	...	...	...	1	...	2	1	...	...	6
Vissa Ooswar Marwari	...	...	...	...	...	...	...	...	...	...	...	1	...	4	1	6
„ Shreemalee...	...	...	...	...	3	1	1	1	1	1	3	1	2	1	15	
Dussa Shreemalee	...	...	...	4	5	1	...	...	...	...	...	...	...	...	...	10
Shreemalee Wanee	...	...	...	1	4	4	5	4	10	6	7	13	16	13	14	97
Agarwala Bania ...	...	...	...	1	3	3	3	2	1	2	2	3	1	1	5	27
„ „ Marwari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Castes and Races.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Jain.													
Females—(contd.).													
Vissa Sortia	1	1	...	...	1	...	...	...	1	...	...	...	4
Dussa „	1	1	...	...	...	...	...	...	...	...	...	...	2
Dussa Daiswar Bania	5	...	...	...	...	...	...	...	...	...	2	2	9
Vissa Nagar Bania	...	...	1	...	1	...	3	1	...	...	...	...	6
Dussa Porwal Wanee	...	2	1	...	1	2	...	2	3	...	3	5	19
Jains Females	...	...	...	1	1	5	...	...	2	3	...	...	12
Porwal Bania	...	...	...	1	1	5	...	...	2	3	...	...	12
Shrawak Wanee	...	...	...	2	...	...	...	...	...	...	...	2	4
Dussa Nagar Wanee	...	...	...	1	...	...	...	...	...	...	...	...	1
Goozar Wanee	...	...	1	...	...	...	...	...	...	...	...	...	1
Sortia „	...	...	...	...	...	...	1	...	1	1	...	...	3
Dussa Sortia Wanee	...	...	...	...	...	...	...	1	...	...	...	...	1
Zarola Bania	...	...	...	...	...	...	...	...	...	...	...	...	...
Ooswar Marwaree	...	...	...	...	...	...	...	...	...	...	...	...	...
Nagar Wanee	...	...	...	2	2	...	1	...	1	...	...	2	8
Dussa Nagar Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...
Surtee Wanee	...	...	...	1	...	...	...	...	...	...	...	...	1
Vissa Porwal Bania	...	1	...	...	...	...	1	1	1	...	...	...	4
Dussa „	...	1	...	...	...	...	...	...	...	...	...	...	1
Dussa Lar Bania	...	...	...	...	...	...	...	...	1	...	...	...	1
Vaida Wanee	...	...	...	...	...	1	...	...	...	...	...	...	1
Dussa Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...
Ooswar „	...	...	...	...	...	...	...	...	...	...	...	...	...
Vissa „	...	...	1	...	...	...	...	...	...	...	...	...	1
Agarwala Marwaree	...	...	...	...	...	...	...	...	...	...	...	...	...
Dusawal Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...
Wanee	3	...	2	3	2	2	1	3	3	2	3	24	
Didoo Bania	1	...	...	...	...	...	...	...	...	...	...	...	1

XLIII.

ABSTRACT of the METEOROLOGICAL OBSERVATIONS supplied by the BOMBAY OBSERVATORY during the Year beginning 1st January 1896.

MONTHS.	PRESSURE OF AIR. (Barometer 37½ feet above the mean sea-level, and reduced to 32° Fahr.)			TEMPERATURE OF AIR IN THE SHADE. Degrees Fahr.			HYDROMETRIC STATE OF AIR.					WIND.		RAIN AT COLABA.		RAIN AT BYCULLA.	
							Dew Point. Degrees Fahr.			Humidity.		Daily Mean Number of Hours.		Inches.	On No. of Days.	Inches.	On No. of Days.
	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	From Sea.	From Land.				
January	29·944	0·114	·234	76·9	10·8	17·7	65·2	7·1	22·2	0·68	0·18	9¾	14¼	...	...	...	...
February	·945	0·124	·235	76·3	10·1	15·5	65·5	7·0	21·2	0·70	0·20	13	11	...	...	...	...
March	·847	0·123	·300	80·4	8·7	17·7	70·5	4·3	16·5	0·73	0·24	18	6	...	...	...	...
Quarter, 1st	·912	0·120	·396	77·8	9·9	20·9	67·1	6·1	26·5	0·70	0·21	13¾	10¼	...	...	...	...
April	·777	0·121	·255	85·2	8·6	15·9	75·2	3·4	14·1	0·73	0·25	20	4	...	...	...	...
May	·799	0·103	·227	86·7	6·9	11·3	76·8	1·9	06·4	0·73	0·10	23	1	0·26	2	0·15	4
June	·618	0·097	·172	83·9	5·3	14·5	78·0	2·5	06·8	0·83	0·20	19¾	4¼	28·02	27	27·27	18
Quarter, 2nd	·731	0·107	·570	85·3	6·9	16·1	76·7	2·6	15·3	0·76	0·18	20¾	3¼	28·28	29	27·42	22
July	·669	0·082	·417	81·0	3·7	10·5	76·6	2·2	06·3	0·87	0·14	25½	½	36·44	31	40·10	30
August	·739	0·076	·285	80·0	4·0	08·0	75·4	2·2	06·2	0·86	0·16	24	...	20·77	29	20·41	25
September	·822	0·098	·201	82·4	6·3	12·9	74·7	2·8	08·8	0·78	0·14	20	4	1·62	9	1·50	4
Quarter, 3rd	·743	0·085	·470	81·1	4·7	13·3	75·6	2·4	08·8	0·84	0·15	22½	1½	58·83	69	62·01	59
October	·877	0·111	·284	84·3	8·6	13·9	75·2	4·3	16·6	0·76	0·25	15	9	0·01	1	...	...
November	·865	0·111	·306	82·0	9·9	24·1	70·6	5·7	19·4	0·69	0·38	12¾	11½	0·53	3	0·26	2
December	·953	0·116	·267	78·8	10·2	22·7	65·4	8·7	26·7	0·65	0·31	10	14	...	...	...	...
Quarter, 4th	·893	0·113	·361	81·7	9·6	27·4	70·4	6·2	31·2	0·70	0·31	12¾	11¼	0·54	4	0·26	2
Year	29·820	0·106	·732	81·5	7·8	28·1	72·2	4·3	31·4	0·75	0·29	17½	6¾	87·65	102	89·69	83

Appendix A.

Government Observatory, Colaba, Bombay.

AGGREGATE AND MEAN VELOCITIES AND RELATIVE FREQUENCY OF DIFFERENT WINDS, 1896.

TABLE showing for the year 1896 the Sums of the Velocities, and the Mean Velocities, in miles per hour, of the Winds which blew in each Month, from each of the Sixteen Principal Directions, and also the number of hourly Observations which those sums comprise; the latter numbers indicating the Relative Frequency of the same Wind (as to directions) in the several months, and of different Winds during the same Month.

1896.	N.			NNE.			NE.			ENE.			E.			ESE.			SE.			SSE.		
Months.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.
	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles
January ...	515	80	6·4	404	58	7·0	368	50	7·4	1229	146	8·4	473	68	7·0	185	23	8·0	61	8	7·6	65	8	8·1
February ...	1446	170	8·5	320	49	6·5	136	25	5·4	289	38	7·6	138	21	6·6	12	2	6·0	23	3	7·7	8	1	8·0
March	678	87	7·8	277	42	6·6	112	18	6·2	134	15	8·9	97	16	6·1	6	1	6·0	20	5	4·0	36	3	12·0
April	362	43	8·4	97	16	6·1	88	19	4·6	30	5	6·0	35	7	5·0	22	6	3·7	52	9	5·8	146	17	8·6
May	36	8	4·5	17	3	5·7	31	5	6·2	0	0	0·0	6	1	6·0	12	2	6·0	30	3	10·0	212	17	12·5
June	52	8	6·5	44	8	5·5	40	7	5·7	41	6	6·8	90	18	6·9	49	5	9·8	244	28	8·7	784	55	14·3
July	8	1	8·0	6	1	6·0	20	3	6·7	0	0	0·0	24	2	12·0	9	1	9·0	24	3	8·0	23	3	7·7
August ...	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	...	...	0·0	87	6	14·5
September	97	15	6·5	81	16	5·1	103	18	5·7	152	23	6·6	120	16	7·5	84	15	5·6	55	10	5·5	42	8	5·2
October ...	340	55	6·2	113	20	5·6	343	51	6·7	366	56	6·5	298	43	6·9	198	37	5·4	48	9	5·3	23	3	7·7
November..	880	127	6·9	131	19	6·9	558	74	7·5	484	60	8·1	340	26	13·1	363	28	13·0	42	3	14·0	38	3	12·7
December..	1095	144	7·6	350	53	6·6	505	68	7·4	1098	107	10·3	461	47	9·8	57	9	6·3	6	1	6·0	0	0	0·0
Year...	5507	738	7·5	1840	285	6·5	2304	338	6·8	3823	456	8·4	2082	260	8·0	997	129	7·7	605	82	7·4	1464	124	11·8

	S.			SSW.			SW.			WSW.			W.			WNW.			NW.			NNW.		
	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles
January ...	0	0	0·0	0	0	0·0	9	2	4·5	23	4	5·7	444	54	8·2	709	84	8·4	883	87	10·1	928	72	12·9
February ...	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	132	15	8·8	449	46	9·8	2692	196	13·7	1873	130	14·4
March	73	7	10·4	73	9	8·1	34	9	3·8	113	16	7·1	312	43	7·3	1556	150	10·4	2780	211	13·2	1589	112	14·2
April	240	18	13·3	448	52	8·6	283	46	6·2	614	72	8·5	867	110	7·9	1171	111	10·5	1542	122	12·6	838	64	13·1
May	506	28	18·1	342	39	8·8	391	48	8·1	714	86	8·3	1957	261	7·5	1815	185	9·8	420	49	8·6	94	9	10·4
June	1192	55	21·7	1176	75	15·7	1251	75	16·7	3735	226	16·5	1166	76	15·3	592	61	9·7	136	17	8·0	50	5	10·0
July	58	6	9·7	57	7	8·1	332	24	13·8	7462	385	19·4	6693	281	23·8	409	20	20·4	25	5	5·0	24	2	12·0
August ...	92	7	13·1	144	15	9·6	512	48	10·7	4852	328	14·8	5293	331	16·0	142	9	15·8	0	0	0·0	0	0	0·0
September.	169	23	7·3	134	15	8·9	62	9	6·9	443	53	8·4	2015	216	9·3	1357	171	7·9	916	97	9·4	154	15	10·3
October ...	74	12	6·2	23	3	7·7	51	9	5·7	42	5	8·4	120	16	7·5	1095	117	9·4	1741	201	8·7	884	104	8·5
November..	520	17	30·6	28	3	9·3	58	5	11·6	167	22	7·6	185	13	14·2	620	72	8·6	1226	140	8·8	1067	107	10·0
December..	0	0	0·0	11	6	1·8	5	1	5·0	9	1	9·0	15	2	7·5	492	51	9·6	1302	114	11·4	1934	139	13·9
Year...	2924	173	16·9	2486	224	10·9	2985	276	10·8	18174	1198	15·2	19199	1418	13·5	10407	1077	9·7	13663	1239	11·0	9435	759	12·4

No. of Observations.		No. of hours.
Calm.	Variable.	Record lost.
7	1	0

Appendix B.

MEMORANDUM of DEATHS, including Still-born, for the Year beginning 1st January 1896.

MONTHS.	INTERMENT, &C.			PLACE OF BIRTH.			COUNTRY TO WHICH FAMILY BELONGS.			REPORTS.		TOTAL.	Number of deaths not tabulated.
	Buried.	Burnt.	Exposed to Carrion Birds.	Bombay.	Elsewhere.	Unknown.	Bombay.	Elsewhere.	Unknown.	Written.	Verbal.		
January	1,447	766	94	1,017	1,273	17	237	2,036	34	214	2,093	2,307	4
February	1,479	785	87	1,068	1,257	26	239	2,082	30	202	2,149	2,351	3
March	1,727	842	105	1,236	1,415	23	270	2,375	29	264	2,410	2,674	5
April	1,742	814	123	1,214	1,449	16	272	2,375	32	254	2,425	2,679	1
May	1,652	780	135	1,213	1,339	15	279	2,257	31	242	2,325	2,567	6
June	1,350	680	125	1,082	1,047	26	308	1,813	34	118	2,037	2,155	13
July	1,560	756	126	1,300	1,127	15	309	2,095	38	245	2,197	2,442	3
August	1,759	952	127	1,303	1,514	21	269	2,517	52	315	2,523	2,838	3
September	1,593	1,079	103	1,209	1,542	24	263	2,490	22	249	2,526	2,775	9
October	1,628	1,254	112	1,203	1,785	6	308	2,674	12	339	2,655	2,994	6
November	1,671	1,267	86	1,137	1,876	11	285	2,715	24	235	2,789	3,024	5
December	3,216	2,832	195	2,253	3,958	32	691	5,510	42	373	5,870	6,243	5
Total...	20,824	12,807	1,418	15,235	19,582	232	3,730	30,939	380	3,050	31,999	35,049	63*

* The deaths refer to those of persons who died out of Bombay and whose bodies were buried in Bombay. The number also includes still-births.

Return showing the Number of Deaths and the Rate of Mortality, exclusive of Still-born, in 2nd Nagpada, Kamathipura, and Tardeo Sections during the year 1896.

SECTION.	Population by Census of 1891.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Total.	
		Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Rate of Mortality.
2ND NAGPADA SECTION.																											
Bellasis Road	892	8	107·62	8	107·62	5	67·26	5	67·26	2	26·90	4	53·80	3	40·35	6	80·07	5	67·26	5	67·26	3	40·35	9	121·00	63	70·62
Bellasis Junction Road	176	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	68·18	...	...	...	...	...	...	...	...	1	56·48
Duncan Road	1,821	9	59·30	14	92·25	9	59·30	20	131·79	15	98·84	7	46·18	7	46·18	9	59·30	9	59·30	8	52·71	12	79·04	11	72·48	130	71·38
Grant Road	259	1	46·33	...	...	...	...	2	92·66	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	138·99	6	23·16
Hoozaria Street	2,786	9	38·76	13	55·99	13	55·99	12	51·69	9	38·76	14	60·30	5	21·53	7	30·15	6	25·85	19	81·83	10	43·07	41	176·59	158	56·71
Kazipura Road	1,052	11	125·47	2	22·81	11	125·47	6	68·44	8	91·25	9	102·66	12	136·88	10	114·06	10	114·06	6	68·44	16	182·50	18	205·32	119	113·11
Khandia Street	1,271	3	28·32	5	47·36	6	66·08	4	37·76	5	47·36	5	47·36	7	66·08	5	47·36	3	28·32	11	103·85	8	75·53	11	103·85	73	57·43
Mustan Tank Road	785	3	46·79	4	61·14	4	61·14	2	30·57	2	30·57	...	...	...	...	1	15·28	2	30·57	3	46·79	10	152·86	3	46·79	34	43·31
Undria Street	2,616	11	50·45	11	50·45	6	27·52	23	105·50	15	68·80	13	59·63	13	59·63	8	36·69	10	45·87	15	68·80	18	82·56	35	160·55	178	68·04
Parel Road	475	5	126·31	3	75·78	1	25·24	7	176·83	1	25·24	1	25·24	3	75·78	4	101·05	2	50·53	6	151·57	3	75·78	3	75·78	39	82·10
Temker Street	2,138	11	61·73	10	56·59	6	33·67	23	129·01	10	56·59	9	50·51	11	61·73	5	28·05	11	61·73	11	61·73	7	39·28	39	218·89	153	71·65
Tank Street	2,523	3	14·23	5	28·78	4	18·91	8	37·82	3	14·23	5	28·78	9	42·80	11	52·31	5	23·78	4	18·91	10	47·56	13	61·83	80	31·70
Teli Molla	1,874	2	12·80	4	25·60	5	32·01	5	32·01	2	12·80	...	...	5	32·01	2	12·80	5	32·01	1	6·40	5	32·01	9	57·63	45	24·01
Shaik Budan Cumrudeen Street	...	6	...	5	...	2	...	3	...	2	...	2	...	2	...	4	...	2	...	3	...	5	...	6	...	40	...
Soorti Molla	...	1	...	5	...	8	...	9	...	10	...	5	...	10	...	7	...	5	...	5	...	11	...	19	...	95	...
Nagpada	...	4	...	6	...	5	...	4	...	9	...	5	...	4	...	5	...	6	...	5	...	4	...	7	...	64	...
Unnamed Street	100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	18,768	87	55·62	93	59·46	85	54·34	133	85·28	93	59·46	79	50·51	91	58·18	85	54·34	81	52·29	102	65·21	122	78·00	227	145·14	1278	68·09
KAMATHIPURA SECTION.																											
Bapty Road	1,294	3	27·82	2	18·54	6	55·64	3	27·82	3	27·82	4	37·09	3	27·82	3	27·82	3	27·82	3	27·82	8	74·18	14	129·82	55	42·50
Bellasis Road	134	...	...	1	89·55	...	...	...	...	1	89·55	...	...	1	89·55	...	...	...	...	...	...	...	...	2	179·10	3	22·38
Kamathipura Centre Road	452	1	26·54	...	...	...	...	...	...	1	26·54	...	...	...	...	...	...	...	...	...	...	1	26·54	...	...	3	6·63
Clerk Road	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Down and Up Passengers (Chinchpoogly)	48	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Duncan Road	1,755	5	34·18	4	27·35	11	75·20	4	27·35	4	27·35	4	27·35	4	27·35	11	75·20	4	27·35	7	47·86	6	41·02	13	88·88	77	43·87
Feras Road	135	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	177·77	...	...	...	...	...	...	5	444·44	7	51·85
Grant Road	64	...	...	...	...	...	...	1	187·50	1	187·50	...	...	1	187·50	...	...	...	...	...	...	...	...	4	750·00	7	109·37
Kamathipura Street	265	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kamathipura Bazar Road	1,398	2	17·16	2	17·16	3	25·74	...	...	...	...	4	34·33	...	...	1	8·58	...	...	...	...	1	8·58	3	25·74	16	11·44
Kamathipura Cross Lane	134	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kamathipura 1st Street	163	8	586·50	4	294·47	16	1173·00	12	880·97	13	957·05	8	586·50	10	736·19	12	880·97	10	736·10	9	662·57	11	809·81	40	294·47	158	938·65
„ 2nd „	2,241	3	16·06	11	55·90	11	55·90	5	26·77	9	48·19	8	42·83	4	21·41	13	69·61	6	32·12	11	55·90	6	32·12	44	235·60	130	50·01

| | | |

Return showing the Number of Deaths and the Rate of Mortality in Kamathipura.

Year.	Fever.		Diseases of the Nervous System.		Diseases of the Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.	
	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.
1873	569	12·10	109	2·31	167	3·55	93	1·97	121	2·57	343	7·29
1874	396	8·42	129	2·74	246	5·23	79	1·68	144	3·06	486	10·32
1875	359	7·63	154	3·27	261	5·55	134	2·85	186	3·95	531	11·29
1876	442	9·40	181	3·85	224	4·76	101	2·14	167	3·55	734	15·61
1877	1,042	22·17	262	5·57	439	9·34	206	4·38	232	4·93	693	17·95
1878	1,042	22·17	167	3·65	499	10·61	240	5·10	240	5·10	1,075	22·87
1879	711	15·13	137	2·91	383	8·15	155	3·30	156	3·32	860	18·30
1880	769	16·36	160	3·40	384	8·17	105	2·02	123	2·61	836	17·78
1881	631	9·75	178	2·75	475	7·34	140	2·16	92	1·42	746	11·53
1882	528	8·16	179	2·76	397	6·13	154	2·38	58	0·89	696	10·76
1883	625	9·66	231	3·57	278	4·30	154	2·38	55	0·85	746	11·52
1884	741	11·46	205	3·17	363	5·61	124	1·91	59	0·91	720	11·13
1885	684	10·57	208	3·21	415	6·41	104	1·60	61	0·94	696	10·76
1886	547	8·45	159	2·45	441	6·82	121	1·87	53	0·82	707	10·91
1887	541	8·36	167	2·58	452	6·91	114	1·76	69	1·06	648	10·02
1888	767	11·86	142	2·19	463	7·16	95	1·46	91	1·39	766	11·84
1889	723	11·18	179	3·76	516	7·98	89	1·37	79	1·22	875	13·60
1890	632	9·77	163	2·52	406	6·27	114	1·76	71	1·09	874	13·51
1891	632	9·44	297	4·43	507	7·57	140	2·09	60	0·89	958	14·31
1892	704	10·51	307	4·58	522	7·79	159	2·37	92	1·37	1,048	15·65
1893	495	7·39	245	3·65	633	9·45	160	2·38	59	0·88	1,065	15·90
1894	541	8·08	252	3·76	716	10·68	262	3·91	96	1·43	1,023	18·25
1895	544	8·12	216	3·22	600	8·96	173	2·59	90	1·34	1,316	19·65
1896	948	14·15	239	3·42	679	10·14	232	3·46	75	1·12	1,852	27·64

Return showing the Number of Deaths and the Rate of Mortality in the City of Bombay.

Year.	Fever.		Diseases of the Nervous System.		Diseases of the Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.	
	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.
1873	6,156	9·55	1,701	2·63	1,308	2·18	692	1·07	919	1·42	3,953	6·13
1874	5,408	8·38	1,978	3·06	1,535	2·38	607	1·94	1,041	1·61	4,300	6·67
1875	5,244	8·13	1,912	2·96	1,761	2·73	876	1·36	1,389	2·15	4,971	7·71
1876	5,867	9·10	1,957	3·04	1,496	2·32	815	1·26	1,164	1·81	5,889	9·13
1877	12,882	19·91	2,919	4·53	2,706	4·20	1,644	9·55	2,203	3·42	6,612	10·26
1878	9,944	15·43	1,829	2·84	2,432	3·81	1,258	1·95	1,820	2·82	7,382	11·45
1879	8,445	13·10	1,622	2·52	1,978	3·07	1,095	1·70	1,399	2·17	6,539	10·15
1880	7,513	11·65	2,015	3·12	1,973	3·06	734	1·13	994	1·54	6,356	9·85
1881	6,437	8·32	2,258	2·92	3,799	4·91	1,341	1·73	721	0·93	6,527	8·44
1882	5,453	6·90	2,557	3·24	3,402	4·30	1,093	1·38	525	0·66	6,163	7·79
1883	5,903	7·31	2,849	3·52	3,394	4·20	1,160	1·43	646	0·79	6,771	8·38
1884	6,830	8·27	2,422	2·93	3,744	4·53	1,084	1·31	635	0·77	6,686	8·09
1885	6,648	7·87	2,242	2·65	3,787	4·48	987	1·11	608	0·72	6,552	7·76
1886	5,820	6·74	1,984	2·29	3,810	4·41	1,032	1·19	484	0·56	6,384	7·34
1887	5,612	6·36	1,981	2·24	3,866	4·38	1,070	1·21	570	0·64	6,490	7·35
1888	6,642	7·45	1,966	2·20	4,132	4·62	1,006	1·12	710	0·79	6,883	7·72
1889	7,266	7·99	2,122	2·33	3,942	4·33	1,099	1·20	625	0·68	6,920	7·60
1890	6,489	8·01	1,936	2·39	3,335	4·12	905	1·12	507	0·63	6,931	8·55
1891	6,837	8·82	2,447	2·98	4,379	5·38	1,029	1·25	472	0·57	7,797	9·48
1892	7,751	9·43	2,380	2·83	4,601	5·59	1,172	1·42	651	0·79	8,598	10·45
1893	5,844	7·11	2,084	2·53	4,551	5·53	1,173	1·42	525	0·63	8,328	10·13
1894	6,458	7·86	2,399	2·91	5,385	6·55	1,598	1·94	746	0·90	9,000	10·95
1895	6,404	7·79	2,044	2·48	4,565	5·55	1,188	1·44	625	0·76	9,351	11·37
1896	8,776	10·68	2,272	2·76	5,334	6·49	1,613	1·96	737	0·89	11,351	13·81

RETURN showing the Number of Deaths and the Rate of Mortality for the year 1896.

Kamathipura.	Population by Census of 1891.	January.		February.		March.		April.		May.		June.		July.		August.		Sept.		October.		Nov.		Dec.		Total.	
		No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Mortality per 1,000 of Population.
2nd Nagpada...	18,768	87	55·62	93	59·46	85	54·34	133	85·28	93	59·46	79	50·51	91	58·18	85	54·34	81	52·29	102	65·21	122	78·00	227	145·14	1,278	68·09
Kamathipura...	29,203	111	45·61	127	52·18	152	62·45	130	53·41	125	51·36	110	45·20	97	39·45	170	70·19	119	46·89	143	58·76	178	71·08	522	214·49	1,979	67·76
Tardeo	18,980	66	41·72	79	49·49	82	51·84	84	53·10	89	56·26	54	34·14	63	39·88	98	61·95	59	37·30	60	37·93	60	37·93	131	82·82	925	48·73
Total.....	66,951	264	47·31	299	53·69	319	57·17	347	62·19	307	55·03	243	43·55	251	44·98	353	63·27	259	46·42	305	54·66	355	63·62	880	157·72	4,182	62·46

RETURN showing the Number of Deaths from different causes in KAMATHIPURA in the following years :—

YEARS.	DEATHS IN KAMATHIPURA.									
	Small-pox.	Measles.	Cholera.	Fever.	Diseases of Nervous System.	Diseases of Respiratory System.	Diarrhœa.	Dysentery.	Other Causes not Epidemic.	All Causes, except Still-born.
1873	55	5	2	569	109	167	93	121	343	1,464
1874	21	31	1	396	129	246	79	144	485	1,532
1875	27	151	77	359	154	261	134	186	531	1,880
1876	388	2	9	442	181	224	101	167	734	2,248
1877	95	89	160	1,042	262	439	206	232	693	3,218
1878	26	64	106	1,042	167	499	240	240	1,075	3,459
1879	36	48	18	711	137	383	155	156	860	2,504
1880	42	125	1	769	160	384	105	123	836	2,545
1881	13	17	47	631	178	475	140	92	746	2,339
1882	9	84	11	528	179	397	154	58	696	2,116
1883	118	18	103	625	231	378	144	55	745	2,417
1884	17	57	31	741	205	363	124	59	720	2,317
1885	6	29	53	684	208	415	104	61	696	2,256
1886	...	63	3	547	159	441	121	53	707	2,094
1887	7	76	19	541	167	452	114	69	748	2,193
1888	51	11	25	767	142	463	95	91	766	2,411
1889	25	58	30	723	179	516	89	79	875	2,574
1890	11	19	15	632	163	406	114	71	874	2,305
1891	10	71	5	632	297	507	140	60	958	2,680
1892	48	61	13	704	307	522	159	92	1,048	2,954
1893	33	24	3	495	245	633	160	59	1,065	2,717
1894	55	111	34	541	252	716	262	96	1,223	3,290
1895	17	65	8	544	216	600	173	90	1,316	3,029
1896	73	40	54	948	229	679	232	75	1,852	4,182
Total	1,183	1,319	828	15,613	4,656	10,566	3,438	2,529	20,592	60,724

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2.—LICENSE DEPARTMENT.

I annex a tabulated statement showing the amount of fees collected under each head of licensable trades for each of the months of the year under report.

The income from all these up to 31st March last, including Rs. 1,328 collected for 1895-96 during 1896-97, was Rs. 56,462-8-0, adding to which the sum of Rs. 4,184 collected for the last year up to the date of this report, the total income amounts to Rs. 60,646-8-0.

I give below a statement showing the number of licenses issued and the revenue made each year since 1890.

Official Year.	Licenses issued.	Amounts collected.
		Rs. a.
1890-91	3,235	36,417 8
1891-92	4,110	46,383 0
1892-93	4,833	54,996 8
1893-94	5,407	60,507 8
1894-95	5,701	63,914 8
1895-96	5,880	65,048 8
1896-97	5,130	56,462 8

From the above it will be seen, that for the first time since the reorganization of the License Department, the revenue from License fees shows a decrease instead of the gradual increase it had hitherto been my good fortune to show every year. I regret this decrease, but at the same time feel thankful that it is not so great as one would have expected or anticipated, considering the very grave crisis through which Bombay had to pass during several months of the past as well as the current year.

The reasons for this fall, both in revenue and in the number of licenses issued, are obvious and known to every one. Owing to the great exodus of people from Bombay, consequent on the prevalence of Bubonic Plague, hundreds of licensable shops in the different wards were found closed or were vacated, as will be seen from the statement given below :—

Ward.	Licensable shops closed or vacated.
A	49
B	181
C	111
D	92
E	152
F	56
G	61
Total ...	702

I cannot conclude this report without expressing my great satisfaction at the way in which all my subordinates, both indoor and outdoor, have discharged their responsible and arduous duties in such critical times, because had they run away, as many had done, and had not loyally and manfully stood to their guns, the revenue would have been far short of that estimated for 1896-97, namely Rs. 60,000.

A.

TABULATED STATEMENT showing the amount of License Fee, with that of Process Fee, recovered for each of the Licensable Articles appearing in Schedule M during 1896-97.

Period.	Bones.		Bricks (Hand made).		Candles (Manufacturing).		China, Grass, Cocoa-nut Fibres, Flax, Hemp, Jute & Tow.		Charcoal.		Coal and Coke.		Cloths in Indigo.		Cloths in other Colours.	
Official Year 1896-97.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1896.....	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..
May "	..	..	..	..	..	..	50	..	20	..	..	..	60	..	30	..
June "	..	..	..	..	5	..	20	1 0	50	0 8	..	..	20	..	55	..
July "	75	..	..	..	..	..	10	0 8	125	1 0	190	..	..	..	105	3 0
August "	30	1 0	..	..	5	..	..	..	85	1 8	50	0 8	180	..	80	4 8
September "	..	..	..	..	..	..	15	..	30	1 0	10	0 8	240	..	75	3 0
October "	..	..	..	..	..	..	..	..	65	1 8	20	..	200	3 0	60	1 0
November "	15	..	..	..	..	..	..	..	55	2 0	71	1 0	140	3 8	80	4 0
December "	..	..	..	..	..	..	..	..	65	..	..	..	..	..	335	1 0
January 1897.....	..	..	70	1 8	..	..	..	..	15	2 0	10	..	..	..	40	4 8
February "	..	..	60	3 0	..	..	155	..	40	3 0	150	..	..	..	30	3 8
March "	..	..	40	5 0	..	..	45	1 0	85	3 8	170	..	20	0 8	20	2 0
Total..Rs.	120	1 0	170	9 8	10	..	295	2 8	615	16 0	670	2 0	880	7 0	910	26 8

Period.	Catgut.		Chemical Preparations.		Cotton and Cotton Refuse or Seeds.		Pressing, Cotton, Wool, Hemp, Rags, &c.		Dammer, Tar or Pitch.		Fat and Tallow.		Fins.		Fish (Dried).	
Official Year 1896-97.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1896	..	..	175	..	30	..	..	..	20	..	15	..	..	..	..	..
May "	..	..	300	..	210	..	..	..	20	..	..	..	..	..	..	..
June "	..	..	50	0 8	210	1 8	80	..	10	0 8	30	1 0	..	..	..	..
July "	..	..	425	0 8	810	6 0	..	..	10	..	..	..	..	..	..	..
August "	..	..	400	..	150	2 0	..	..	30	..	..	..	..	..	..	..
September "	15	..	50	..	150	2 8	..	..	..	..	15	..	..	..	..	..
October "	..	..	..	..	135	3 8	..	..	10	0 8	15	0 8	..	..	..	..
November "	..	..	125	..	120	3 8	105	..	..	..	30	1 0	..	..	..	..
December "	..	..	25	..	75	0 8	60	..	..	..	..	..	..	..	..	..
January 1897	..	..	..	..	15	..	..	..	..	..	..	..	60	..	200	..
February "	..	..	..	..	45	2 8	..	..	20	..	30	..	60	2 8	300	3 8
March "	..	..	..	..	255	..	..	..	70	2 8	60	0 8	45	2 0	15	..
Total..Rs.	15	..	1,550	1 0	2,205	22 0	245	..	190	3 8	195	3 0	165	4 8	515	3 8

Period.	Fireworks (Retail).		Fireworks (Wholesale).		Fire-wood Bundles (Retail).		Firewood in Bulk (Wholesale).		Gas (Manufacturing).		Gunpowder (Retail).		Gunpowder (Wholesale).		Storing, Preparing, &c., Raw Skin and Wool.	
Official Year 1896-97.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1896.....	5	..	100	..	4	..	20	..	..	..	65	..	250	..	..	..
May „	10	..	75	..	74	.. 8	560	..	..	..	15	..	100	..	..	..
June „	5	0 8	25	0 8	94	1 8	690	5 0	..	..	35	0 8	150	..	..	..
July „	5	..	50	..	66	..	3,155	8 8	..	..	15	1 8	..	..	585	4 0
August „	..	..	60	..	74	0 8	1,170	9 0	50	..	..	..	..	..	1,105	7 0
September „	50	..	65	..	32	0 8	780	7 0	..	..	..	..	150	0 8	65	0 8
October „	590	..	65	..	66	2 8	620	14 8	..	..	..	..	50	..	65	..
November „	90	0 8	..	..	76	..	595	6 0	..	..	5	..	50	..	..	..
December „	..	..	15	..	18	..	155	1 8	..	..	..	..	..	..	..	..
January 1897.....	..	..	..	..	8	..	345	12 8	50	..	..	..	..	..	..	..
February „	20	2 8	..	..	42	2 8	145	9 0	..	..	..	..	..	..	..	..
March „	..	..	..	..	38	5 0	290	7 8	..	..	..	..	..	..	..	..
Total..Rs.	775	3 8	455	0 8	592	12 8	8,525	80 8	100	..	135	2 0	750	0 8	1,820	11 8

Period.	Hides & Skins (Raw) Tannery.		Hides & Skins (Dried).		Horns and Hoofs.		Hay, Straw and Grass.		Kerosine Oil (Retail).		Kerosine Oil (Wholesale).		Lime Kiln.		Matches (Retail).	
Official Year 1896-97.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1896.....	400	..	15	..	..	..	..	..	60	..	600	..	50	..	15	..
May „	400	2 0	..	..	..	..	30	..	780	..	..	..	..	..	25	..
June „	50	..	..	..	..	..	60	..	830	7 0	..	..	..	..	10	0 8
July „	50	0 8	15	1 0	..	..	..	..	915	13 8	800	..	..	..	30	..
August „	100	0 8	..	..	..	..	70	1 8	700	10 8	100	0 8	50	..	20	..
September „	..	..	..	..	..	..	5	..	360	6 8	..	..	50	..	20	..
October „	..	..	..	..	..	..	10	..	530	16 8	..	..	100	1 0	60	2 8
November „	..	..	..	..	..	..	..	..	565	9 8	..	..	50	1 0	60	..
December „	..	..	135	..	..	..	..	..	230	17 0	..	..	50	1 8	40	..
January 1897.....	..	..	90	2 8	..	..	55	..	70	7 0	..	..	100	0 8	..	..
February „	..	..	15	..	125	..	235	4 0	200	7 0	..	..	150	1 8	30	2 0
March „	..	..	..	..	230	..	2,680	16 0	220	6 8	100	..	50	0 8	20	2 0
Total..Rs.	1,000	3 0	270	3 8	355	..	3,145	21 8	5,440	101 0	1,600	0 8	650	6 0	330	8 0

Period.	Matches (Wholesale).		Metals (Casting),		Oil (Ghanees) Mill.		Oil Mills Prepared by Mechanical Power.		Oils (Vegetable or Animals) Storing and Selling.		Petroleum Oil (Retail).		Petroleum Oil (Wholesale).		Paper (Manufacturing).	
Official Year 1896-97.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1896.....	50	..	50	..	..	..	..	..	225	..	10	..	25	..	..	..
May "	50	0 8	140	..	69	.	100	..	192	..	10	..	..	..	..	..
June "	40	1 8	90	1 8	24	1 8	..	..	157	1 0	..	..	..	..	..	..
July "	..	..	275	..	34	3 8	..	..	273	0 8	20	..	75	..	15	..
August "	..	..	95	1 0	25	..	..	..	343	3 0	10	0 8	25	..	..	..
September "	..	..	45	1 8	20	0 8	..	..	187	2 8	8	..	..	..	..	..
October "	20	..	195	3 8	51	1 0	..	..	190	1 8	5	..	..	..	..	..
November "	..	..	200	2 8	174	3 8	25	..	407	1 8	..	..	..	..	..	..
December "	..	..	70	0 8	172	16 8	..	..	393	7 0	..	..	..	..	..	..
January 1897.....	..	..	5	..	25	3 8	..	..	70	3 8	..	..	..	..	..	..
February "	..	..	45	0 8	75	3 0	..	..	240	2 0	..	..	..	..	..	..
March "	..	..	25	3 8	32	2 8	..	..	428	4 8	..	..	..	..	..	..
Total..Rs.	160	2 0	1,235	14 8	701	41 8	125	..	3,104	26 0	66	0 8	125	..	15	...

Period.	Pottery (Manufacturing).		Rags.		Rangoon or Burmah Oil.		Rosin.		Saltpetre.		Sulphur (Retail).		Sulphur (Wholesale).		Silk (Dyeing).	
Official Year 1896-97.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1896.....	..	..	..	..	..	..	5	..	15	..	10	..	105	..	..	..
May "	..	..	30	1 0	5 0	..	..	..	15	1 8	20	1 0	45	0 8	5	..
June "	..	..	..	..	7 8	..	..	..	5	0 8	15	0 8	..	..	..	..
July "	5	..	..	..	10 0	..	..	..	15	..	45	..	..	..	..	..
August "	..	..	..	..	5 0	..	..	..	15	0 8	35	1 0	..	..	35	..
September "	..	..	..	..	..	..	..	..	..	..	5	..	..	..	20	1 0
October "	..	..	..	..	..	..	..	..	..	..	20	..	15	..	25	..
November "	..	..	..	..	..	..	..	..	..	..	20	..	..	..	5	0 8
December "	..	..	..	..	..	..	..	..	..	..	10	0 8	..	..	..	..
January 1897.....	10	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..
February "	5	0 8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
March "	10	5 0	..	..	..	..	5	0 8	5	..	10	..	..	..	..	..
Total..Rs.	50	5 8	30	1 0	27 8	..	10	0 8	75	2 8	190	3 0	165	0 8	90	1 8

Period.	Soap (Manufacturing).		Stable for Horses.		Stable for Milch Cattle.		Stable for Bullocks.		Tiles, Handmade.		Timber.	
Official Year 1896-97.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1896	15	..	..	..	250	..	15	..	..	..	25	..
May ,, ...	60	..	1,045	4 0	1,585	5 8	385	1 8	..	..	145	..
June ,, ...	15	..	270	2 8	855	4 0	105	1 8	..	..	215	2 0
July ,, ...	..	..	75	2 0	285	3 0	30	1 0	..	..	535	8 0
August ,, ...	..	..	135	2 8	105	2 0	10	0 8	..	..	380	9 8
September ,, ...	30	0 8	5	0 8	70	1 8	10	2 8	..	..	175	3 0
October ,, ...	..	..	15	1 8	..	..	10	0 8	..	..	1,975	22 0
November ,, ...	..	..	100	..	..	..	15	1 0	..	..	775	25 0
December ,, ...	15	..	..	..	..	..	..	..	..	.	415	11 8
January 1897	15	..	200	0 8	10	..	..	..	..	..	85	3 8
February ,, ...	..	..	60	0 8	..	..	15	0 8	..	..	410	16 0
March ,, ...	..	..	75	..	..	..	..	..	5	..	585	21 8
Total .. Rs.	150	0 8	2,715	21 0	3,160	16 0	595	9 0	5	..	5,720	122 0

Period.	Turpentine (Retail).		Turpentine (Wholesale).		Wool.		Waste Papers.		Whistle (Steam).		TOTAL OF EACH MONTH.	
Official Year 1896-97.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs. a.
April 1896	65	..	45	..	150	..	..	..	40	..	2,944 0	..
May ,, ...	35	..	45	..	360	..	4	..	40	..	7,124 0	17 8
June ,, ...	15	0 8	30	..	60	2 0	..	..	30	..	5,112 8	46 8
July ,, ...	100	0 8	..	..	90	1 8	..	..	..	..	9,318 0	60 0
August ,, ...	125	2 8	..	..	105	4 8	..	..	40	..	5,997 0	66 8
September ,, ...	35	1 8	..	..	15	..	6	..	30	..	2,838 0	37 0
October ,, ...	15	..	..	..	150	0 8	7	..	..	..	5,392 0	77 8
November ,, ...	55	0 8	..	..	45	1 0	1	1 8	..	..	4,033 0	75 0
December ,, ...	20	0 8	..	..	30	..	5	..	..	..	2,332 0	58 0
January 1897	5	0 8	..	..	..	..	1	..	..	..	1,554 0	41 0
February ,, ...	15	1 0	..	..	..	..	6	1 8	..	..	3,728 0	73 0
March ,, ...	5	1 0	..	..	90	2 0	4	0 8	10	..	5,762 0	95 8
Total .. Rs.	490	8 8	120	..	1,095	11 8	34	3 8	190	..	55,134 8	647 8

B.

YEARLY Total of License Fees (with Process Fees) recovered during 1896-97.

Nature of Trade.	License Fee.		Process Fee.	
	Rs.	a.	Rs.	a.
Bones	120	0	1	0
Bricks (Hand-made)	170	0	9	8
Candles (Manufacturing)	10	0	.....	
China Grass, Cocoanut Fibre, Flax, Hemp, Jute and Tow	295	0	2	8
Charcoal	615	0	16	0
Coal and Coke	670	0	2	0
Cloths in Indigo	880	0	7	0
Do. in other Colours	910	0	26	8
Catgut	15	0	.....	
Chemical Preparations	1,550	0	1	0
Cotton, and Cotton Refuse or Seeds	2,205	0	22	0
Pressing Cotton, Wool, Hemp, Hay, &c. ...	245	0	.....	
Dammer, Tar or Pitch	190	0	3	8
Fat and Tallow	195	0	3	0
Fins	165	0	4	8
Fish (Dried)	515	0	3	8
Fireworks (Retail)	775	0	3	8
Do. (Wholesale)	455	0	0	8
Firewood Bundles (Retail)	592	0	12	8
Do. in bulk (Wholesale)...	8,525	0	80	8
Gas (Manufactnring)	100	0	.....	
Gunpowder (Retail)	135	0	2	0
Do. (Wholesale)	750	0	0	8
Storing, Preparing, &c., Raw Skins and Wool..	1,820	0	11	8
Hides and Skins (Raw) (Tannery)	1,000	0	3	0
Do. (Dried)	270	0	3	8
Horns and Hoofs	355	0	.....	
Hay, Straw and Grass	3,145	0	21	8
Kerosine Oil (Retail)	5,440	0	101	0
Do. (Wholesale)	1,600	0	0	8
Lime-kiln	650	0	6	0
Matches (Retail)	330	0	8	0
Do. (Wholesale)	160	0	2	0
Metal (Casting)	1,235	0	14	8
Oil "Ghanees" Mill	701	0	41	8
Oil Mills Prepared by Mechanical Power ...	125	0	.....	
Oil, Vegetable, Storing and Selling	3,104	0	26	0
Petroleum Oil (Retail)	66	0	0	8
Do. (Wholesale)	125	0	.....	
Paper (Manufacturing)	15	0	.....	
Carried over... Rs.	.....		.....	

Nature of Trade.	License Fee.	Process Fee.
	Rs. a.	Rs. a.
Brought forward... Rs.		
Pottery (Manufacturing)	50 0	5 8
Rags	30 0	1 0
Rangoon or Burmah Oil	27 8	.....
Rosin	10 0	0 8
Saltpetre	75 0	2 8
Sulphur (Retail)	190 0	3 0
Do. (Wholesale)	165 0	0 8
Silk (Dyeing)	90 0	1 8
Soap (Manufacturing)	150 0	0 8
Stable for Horses	2,715 0	21 0
Do. Milch Cattle	3,160 0	16 0
Do. Bullocks	595 0	9 0
Tiles (Hand-made)	5 0	.....
Timber	5,720 0	122 0
Turpentine (Retail)	490 0	8 8
Do. (Wholesale)	120 0	.....
Wool	1,095 0	11 8
Waste Paper	34 0	3 8
Whistle (Steam)	190 0	.....
Grand Total... Rs.	55,134 8	647 8

C.

STATEMENT showing the Amount of License Fee (with Process Fee) for 1895-96 recovered in 1896-97.

Month.	License Fee.	Process Fee.
1896.	Rs.	Rs. a.
April	798	75 0
May	220	8 8
June	10	2 0
November	300	.....
Total... Rs.	1,328	85 8

Summary of Income for 1896-97.

Official Year during which Collection was made.	License Fees.	Process Fees.	Remarks.
	Rs. a.	Rs. a.	
Income for 1895-96 collected during the official year 1896-97	1,328 0	85 8	*Vide* Statement marked **C**.
Income for 1896-97 collected from 1st April 1896 to 31st March 1897	55,134 8	647 8	*Vide* Statements marked **A** and **B**.
	56,462 8	733 0	
Outstanding for 1896-97 collected up to the date of this report	4,184 0	190 8	
Total Rs. ...	60,646 8	923 8	

3.—MARKETS.

1. APPENDED hereto are five tabulated statements marked Nos. 1, 2, 3, 4 and 5.

2. On reference to Statement No. 1, shewing the revenue derived from various sources with details of increases and decreases, and No. 2, shewing the revenue for the last ten years, it will be observed that there is a considerable falling off in the revenue for the year under report compared with that for the previous year. The decrease under all heads amounts to Rs. 7,915-15-2, which would have been twice as much had it not been for the fact that the right of collecting Fair Ground and Feeding Fees at Bandora for the year under report was sold for the exceptionally high amount of Rs. 65,500 per annum, against Rs. 59,100 in previous year, giving an increase of Rs. 6,400. For ready reference the revenue of each of the last ten years is given below :—

	Rs.	a.	p.
1887-88	3,04,516	8	10
1888-89	3,22,517	6	8
1889-90	3,29,170	3	9
1890-91	3,48,106	5	7
1891-92	3,63,781	8	3
1892-93	3,77,527	4	6
1893-94	3,80,324	13	5
1894-95	3,92,261	13	0
1895-96	4,03,356	12	8
1896-97	3,95,440	13	6

3. The decrease in stall rents on account of vacancy of stalls is Rs. 3,452-11-6. But on the other hand there is a corresponding increase in stall rents in some of the markets on account of rise in rents and occupancy of some of the vacant stalls, which amounts to Rs. 2,586-9-4, as will appear from Statement No. 1. Thus the net decrease is only Rs. 866-2-2.

4. The chief item of decrease is under the head "slaughter fees" and it amounts to Rs. 10,708-2-0. This is due to a great reduction in the number of animals (buffaloes, sheep and goats) slaughtered during the time of plague owing to the great exodus of the meat eating population on account of the plague scare. The following figures will shew the number of animals slaughtered for the Bombay markets during the year under report and those in the previous year :—

Description of animals.	1895-96.	1896-97.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.
Buffaloes	2,942	2,689	...	253
Cows, bullocks and calves ...	33,544	35,166	1,622	.....
Sheep and goats	5,01,839	4,52,969	...	48,870

5. Statement No. 3 shews the number of animals slaughtered, removed for private slaughter, &c., each month during the year under report.

6. Statement No. 4 will shew the quantity of unwholesome food condemned and destroyed as unfit for human consumption during the year under report. The quantity thus destroyed amounts to 54 tons 9 cwts. 3 qrs. and 23 lbs., against 56 tons 13 cwts. 2 qrs. and 15 lbs.

7. Statement No. 5, a List of Prosecutions, speaks for itself.

General Remarks.

8. It was in July last during the very heavy rains when both the railway lines were blocked, that for some days or so all importation of fruit, vegetable, and other commodities into Bombay was suspended. Fortunately the dealers in the market had sufficient of these commodities stored in their godowns to tide over the crisis. Had it not been for this, the situation would have been a most serious one. But there were other minor articles, such for instance as ginger, of which there was a limited quantity, sold at that time from twelve annas to rupee one and annas four per seer, whereas the ordinary rate was from three to four pice per seer.

9. The fruit and vegetable supply during the year under report was not up to mark, both in quality as well as in quantity. The fol-

lowing figures will shew the number of the baskets of fruit imported into the Bombay markets during the year under report compared with those in the previous year.

Articles.	No. of Baskets in 1895-96.	No. of Baskets in 1896-97.
Pomegranates of sorts	14,241	7,231
Moosoombi	4,639	2,669
Grapes	5,610	2,626
Apples	4,598	2,123
Mangoes	1,353	522

10. During the year under report the supply of beef was fairly good but that of mutton poor in quality. The late heavy rains and scarcity of fodder had much affected the condition of all animals. The sheep and goats, though appearing healthy and fit for slaughter, were found after slaughter dropsical, and consequently a number of the carcasses had to be condemned and destroyed as unfit for human consumption.

11. Both the Commissioner as well as the Deputy Commissioner are aware of the trying time I had had during the plague. On two occasions the first about the end of December last and the other about the beginning of last February, when the plague was at its height, the dealers in the Crawford as well as the other Municipal and private markets had contemplated an exodus, which had it been accomplished would simply have meant the suspension of the foodsupply to the City and it was with greatest difficulty that I succeeded by pursuasions and threats to keep the dealers of the various markets in the City in hand.

12. During the plague scare I regret to say that several of the market employés did not stick to their posts, of these most were peons some of whom I have dismissed.

13. I would mention that the staff at my disposal have, on the whole, worked well. Mr. Saunders, Cattle Inspector Mr. Evans, and Meat Inspector Mr. Sullivan deserve great credit for the manner in which they performed their duties, particularly during the time of plague. Sub-Inspector Syed Ismail has also worked most satisfactorily. The Head Clerk and Accountant of this office, Mr. Barjorji Rastamji, has worked admirably, and I have had every reason to be satisfied with him during the year under report.

STATEMENT showing the number of Markets, the amount of and the amount of Slaughter Fees, &c., during the in the total amount of Market and Slaughter

	Amount received for Stall Rents during the year 1895-96.	Amount received from Squatters collected departmentally during the year 1895-96.	Amount paid into the Controller's Office by the Contractors, &c., during the year 1895-96.	Total for 1895-96.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Fort General Market	7,323 8 0	0 8 0	1,650 0 0	8,974 0 0
Arthur Crawford Beef Market	10,040 4 0	....	1,396 0 0	11,436 4 0
Do. Fish and Mutton Market	11,523 2 0	....	5,929 0 0	17,452 2 0
Do. Fruit and Vegetable Market	53,071 2 8	227 6 0	4,100 0 0	57,398 8 8
Do. Godowns	5,460 0 0	....	....	5,460 0 0
Do. Fowl Rooms	3,280 4 0	....	....	3,280 4 0
Erskine Road Fish and Mutton Market	7,630 0 0	....	17,200 0 0	24,830 0 0
Do. Fruit and Vegetable Market	31,515 10 8	1,123 13 0	....	32,639 7 8
Temporary Bhooleshwar Market	6,588 9 4	2,177 10 6	....	8,766 3 10
Pedder Market	1,242 8 0	0 1 0	1,250 0 0	2,492 9 0
Pork Market	100 0 0	....	....	100 0 0
Prices Current Forms	88 5 0	....	....	88 5 0
Contribution from Private Market Owners	3,096 0 0	....	....	3,096 0 0
Miscellaneous	15 0 0	....	....	15 0 0
Garden Produce	48 12 6	....	....	48 12 6
Amount of Proceeds of Articles, &c., found in the Markets	2 4 0	....	....	2 4 0
For attending Courts	6 12 0	....	....	6 12 0
Inspection Fees				
Foras Road Market	502 12 0	106 7 0	....	609 3 0
DeLisle Road Sheep Market	4,830 0 0	....	....	4,830 0 0
Colaba Market	616 12 0	0 12 0	875 0 0	1,491 8 0
Sale-proceeds of Manure from DeLisle Road Sheep Market	32 2 0	....	....	32 2 0
Total..Rs.	1,47,012 12 2	3,636 9 6	32,400 0 0	1,83,049 5 8
Slaughter Fees	1,38,722 14 0	....	....	1,38,722 14 0
Butchers' License Fees	11,947 0 0	....	....	11,947 0 0
Chawl Rents	2,942 8 0	....	....	2,942 8 0
Fair Ground-rent and Feeding Fees, &c.	81 4 0	....	59,100 0 0	59,181 4 0
Revenue of Toddy Trees	....	....	....	....
Revenue for the right of catching fish from quarry holes	....	....	....	....
Carriage of Meat (from Commissariat Contractors)	48 0 0	....	....	48 0 0
Rent from the Commissariat Department	....	....	3,000 0 0	3,000 0 0
Do. Brigadier-General	....	....	200 0 0	200 0 0
Proceeds of blood from the Contractor, K. D. Framji, Esq	....	....	180 0 0	180 0 0
Verifying Weights and Measures	3,886 5 0	....	....	3,886 5 0
Sale-proceeds of Meat, Unclaimed Animals, and Animals seized and confiscated under Section 412 (2) of the Act	199 8 0	....	....	199 8 0
Total..Rs.	1,57,827 7 0	....	62,480 0 0	2,20,307 7 0
Grand Total..Rs.	3,04,840 3 2	3,636 9 6	94,880 0 0	4,03,356 12 8

No. 1.

Fees received from Squatters and Stall-holders in each Market, year 1896-97, and showing the Increase and Decrease House Fees compared with those of 1895-96.

Amount received for Stall Rents during the year 1896-97.	Amount received from Squatters collected departmentally during the year 1896-97.	Amount paid into the Controller's Office by the Contractors, &c., during the year 1896-97.	Total for 1896-97.	Increase.	Decrease.	Total of Increase and Decrease in 1896-97 compared with 1895-96.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
7,291 8 0	1 14 0	1,650 0 0	8,943 8 0	.....	80 10 0	....
10,079 4 0	....	1,396 0 0	11,475 4 0	89 0 0	....	....
10,783 14 0	....	5,929 0 0	16,712 14 0	....	739 4 0	....
53,595 6 0	169 8 0	4,100 0 0	57,864 9 0	466 0 4	....	....
6,048 0 0	....	....	6,048 0 0	588 0 0	....	....
3,207 0 0	....	....	3,207 0 0	....	73 4 0	....
7,869 8 0	....	17,600 0 0	25,469 8 0	639 8 0	....	....
29,925 14 0	933 9 9	....	30,859 7 9	....	1,779 15 11	....
6,281 10 0	1,655 0 8	....	7,936 10 8	....	829 9 7	....
1,696 0 0	2 0 0	1,550 0 0	3,248 0 0	755 7 0	....	....
100 0 0	.....	....	100 0 0	...	....	....
188 7 0	....	.....	188 7 0	100 2 0	....	....
3,076 0 0	....	....	3,076 0 0	....	20 0 0	....
18 9 9	....	.....	18 9 9	3 9 9	....	....
68 15 9	....	....	68 15 9	20 8 3	....	....
....	.....	....	....	.. ..	2 4 0	....
15 0 0	....	.....	15 0 0	8 4 0	....	....
506 4 0	0 4 0	130 0 0	636 8 0	27 5 0	....	....
4,830 0 0	....	....	4,830 0 0	....	....	....
384 4 0	5 14 0	1,200 0 0	1,590 2 0	98 10 0	....	....
58 0 0	....	....	58 0 0	25 14 0	.....	....
1,16,023 8 6	2,767 13 0	33,555 0 0	1,82,346 5 6	2,771 15 4	3,474 15 6	Decrease. 703 0 2
1,28,014 12 0	....	....	1,28,014 12 0	....	10,708 2 0	....
11,779 0 0	....	....	11,779 0 0	....	168 0 0	....
2,476 0 0	....	....	2,476 0 0	....	466 8 0	....
66 0 0	.....	65,500 0 0	65,566 0 0	6,384 12 0	....	....
....	....	....	....	....	....	.....
....	....	.....	....	....	....	....
48 0 0	....	....	48 0 0	....	....	....
....	....	3,000 0 0	3,000 0 0	....	....	....
....	....	200 0 0	200 0 0	....	....	....
....	....	180 0 0	180 0 0	....	....	....
1,800 12 0	....	....	1,800 12 0	....	2,085 9 0	.....
80 0 0	....	.....	80 0 0	....	169 8 0	....
1,44,214 8 0	....	68,880 0 0	2,13,094 8 0	6,384 12 0	13,597 11 0	Decrease. 7,212 15 0
2,90,238 0 6	2,767 13 0	1,02,435 0 0	3,95,440 13 6	9,156 11 4	17,072 10 6	Decrease. 7,915 15 2

Statement No. 2.

The following Table shows the Revenue derived from the Markets and Slaughter Houses for the last ten years since 1887-88 to 1896-97.

	1887-88.	1888-89.	1889-90.	1890-91.	1891-92.	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Slaughter Fees, &c...	90,938 10 0	95,386 11 0	96,198 4 0	96,196 9 0	1,08,686 4 0	1,29,119 4 0	1,28,411 7 0	1,35,196 0 0	1,38,722 14 0	1,28,014 12 0
Market Fees	1,38,275 8 6	1,53,799 1 2	1,63,140 8 0	1,66,561 11 1	1,72,886 8 9	1,73,403 14 6	1,72,234 15 4	1,76,043 4 0	1,79,760 2 2	1,78,921 5 0
Ground Rents	58,066 0 0	55,821 8 0	52,107 8 0	58,679 4 0	57,170 4 0	55,175 0 0	55,181 4 0	57,068 12 0	59,181 4 0	65,566 0 0
Chawl Rents.....	1,782 0 0	2,488 8 0	2,715 0 0	2,719 0 0	2,480 8 0	2,703 0 0	2,906 8 0	2,491 8 0	2,942 8 0	2,476 0 0
Butchers' License Fee.	8,972 0 0	8,496 8 0	8,496 0 0	11,393 0 0	12,839 4 0	6,694 4 0	11,322 0 0	12,156 0 0	11,947 0 0	11,779 0 0
Commissariat Rents, &c.	3,200 0 0	3,200 0 0	3,200 0 0	3,200 0 0	3,200 0 0	3,200 0 0	3,200 0 0	3,200 0 0	3,200 0 0	3,200 0 0
Miscellaneous Fees,&c.	3,282 6 4	3,325 2 6	3,290 7 9	3,411 5 6	3,385 13 0	3,422 4 6	3,529 0 1	3,531 12 0	3,716 11 6	3,683 0 6
Verifying Weights and Measures.....	.....	.....	27 8 0	5,945 8 0	3,132 14 6	3,809 9 6	3,539 11 0	2,574 9 0	3,886 5 0	1,800 12 6
Total...Rs.	3,04,516 8 10	3,22,517 6 8	3,29,170 3 9	3,48,106 5 7	3,63,781 8 3	3,77,527 4 6	3,80,324 13 5	3,92,261 13 0	4,03,356 12 8	3,95,440 13 6

Statement No. 3.

STATEMENT of Number of Animals slaughtered during twelve months, from 1st April 1896 to 31st March 1897, at Bandora and in Bombay, for private and public purposes.

	No. of Buffaloes.	No. of Cows and Bullocks.		No. of Calves.	No. of Sheep and Goats.	No. of Sheep and Goats for Mahim.	No. of Sheep and Goats for Bandora.	No. of Horned-Cattle by the Commissariat.	No. of Sheep and Goats by the Commissariat.	No. of Pigs.	No. of Live Horned-Cattle come to Bombay, and for Private purposes.	No. of Live Sheep and Goats come to Bombay, and for private purposes.	REMARKS.
		Cows.	Bullocks.										
April 1896...	232	2,820	274	2	42,283	1,227	998	121	461	63	12	364	
May „ ...	211	2,945	177	...	42,566	1,421	1,191	140	476	48	5	1,387	
June „ ...	256	2,619	200	1	42,205	1,126	1,033	155	444	55	46	246	
July „ ...	298	2,575	221	1	41,289	1,148	1,054	178	434	58	39	514	
August „ ...	350	2,262	137	5	42,147	1,143	983	169	422	62	33	367	
September „ ...	266	2,449	111	...	43,361	1,134	1,041	140	448	53	126	393	
October „ ...	224	2,936	203	...	39,293	1,115	936	151	421	62	28	533	
November „ ...	215	3,431	251	1	37,830	2,016	1,278	150	501	61	33	326	
December „ ...	215	3,564	305	...	39,462	1,713	1,482	151	469	69	19	613	
January 1897...	187	2,660	311	...	27,915	1,609	1,249	143	438	35	5	256	
February „ ...	121	1,993	257	...	24,142	1,228	985	150	423	26	3	170	
March „ ...	114	2,177	277	1	30,476	1,269	936	156	414	27	9	237	
	2,689	32,431	2,724	11	452,969	16,149	13,166	1,804	5,351	619	358	5,406	

Statement No. 4.

RETURN of Unwholesome Food destroyed during the year 1896-97.

Description.	Section of the Act.	Quantity destroyed during the Year.	REMARKS.
		lbs.	
Mutton	416 of the Municipal Act III of 1888.	48,247	Destroyed at Bandora.
Beef		34,132	
Mutton		1,384	Destroyed in Bombay.
Beef		11,277	
Fish		19,793	
Fruit		1,980	
Vegetables		322	
Coorla Beef		4,854	
Pork		86	
Total...		122,075	Tons. cwt. qrs. lbs. = 54 9 3 23

Statement No. 5.

Return of Convictions during the Year 1896-97.

Month and Date.	Nature of Offence.	Section of the Act.	Penalty inflicted.	Remarks.
1896.				
April 1st ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	Rs. a. p. 1 0 0	
„ 10th ...	Do. do.	„ ...	0 8 0	
„ 10th ...	Do. do.	„ ...	.....	Withdrawn on 30th April 1896.
„ 11th ...	For keeping on a stall in the Erskine Road Mutton Market short weights which have not been verified and stamped.	Clause 18, Chapter II, of the new By-laws.	5 0 0	
„ 15th ...	With bringing goat from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III. of 1888.	.....	The animal was confiscated.
„ „ ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	„ ...	.....	Withdrawn on 30th April 1896.
„ „ ...	Do. do. do. ...	„ ...	.....	Do. do.
„ „ ...	Do. do. do. ...	„ ...	.....	Withdrawn on 23rd April 1896.
„ „ ...	Do. do. do. ...	„ ...	.....	Withdrawn on 6th May 1896.
„ 16th ...	Do. do. do. ...	„ ...	.....	Warned and discharged on 29th Apr. 96.
„ 25th ...	With selling beef in a place at Surti Mohalla without license.	Section 411 (*b*) of Municipal Act III. of 1888.	.....	Sentenced to one day's simple imprisonment on 6th May 1896.
		Carried over ...	6 8 0	

Month and Date.	Nature of Offence.	Section of the Act.	Penalty inflicted.	Remarks.
			Rs. a. p.	
1896.		Brought forward ...	6 8 0	
April 26th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	2 0 0	
,, 28th ...	Do. do. do. ...	,, ...	10 0 0	
,, 29th ...	Do. do. do. ...	,, ...	8 0 0	
May 4th ...	With selling fish near the Panday Sanitarium, Colaba.	Section 410 of the Municipal Act.	5 0 0	
,, ,, ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III 1888.	1 0 0	
,, ,, ...	Do. do. do. ...	,, ...	1 0 0	Withdrawn.
,, 6th ...	Do. do. do. ...	,, ...	.....	
,, ,, ...	Do. do. do. ...	,, ...	8 0 0	Withdrawn on 17th June 1896.
,, 9th ...	Do. do. do. ...	,, ...	.....	
,, 11th ...	For keeping on his stall in the Erskine Road Mutton Market short weights which have not been verified and stamped.	Clause 18, Chapter II, of new By-laws.	8 0 0	
,, 19th ...	With selling fish near the Parel Station	Section 410 of the Act ...	.....	Warned and discharged on 19th May 1896.
,, ,, ...	Do. do. do. ...	,, ...	.....	Do.
,, ,, ...	Do. do. do. ...	,, ...	.....	Do.
,, ,, ...	Do. do. do. ...	,, ...	.....	Do.
,, 28th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	5 0 0	
,, ,, ...	Do. do. do. ...	,, ...	1 0 0	
,, ,, ...	Do. do. do. ...	,, ...	1 0 0	
,, ,, ...	Do. do. do. ...	,, ...	1 0 0	

June 1st ...	For keeping baskets of vegetable in the Arthur Crawford Vegetable Market.	Chapter II, clause 3, of new By-laws.	2	0	0	
,, ,, ...	Do. do.	,, ...	2	0	0	
,, ,, ...	Do. do.	,, ...	2	0	0	
,, ,, ...	Do. do.	,, ...	2	0	0	
,, 3rd ...	Do. do.	,, ...	2	0	0	
,, ,, ...	Do. do.	,, ...	2	0	0	
,, ,, ...	Do. do.	,, ...	2	0	0	
,, ,, ...	Do. do.	,, ...	2	0	0	
,, ,, ...	Do. do.	,, ...	2	0	0	
,, ,, ...	Do. do.	,, ...	2	0	0	
,, ,, ...	Do. do.	,, ...	2	0	0	
,, 4th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	20	0	0	
,, 7th ...	For keeping baskets of fruits in Arthur Crawford Fruit Market.	Chapter II, Clause 3, of new By-laws.	3	0	0	
,, ,, ...	Do. do. do. ...	,, ...	4	0	0	
,, ,, ...	Do. do. do. ...	,, ...	6	0	0	
,, 8th ...	Do. do. do. ...	,, ...	3	0	0	
,, ,, ...	Charge under Section 472 of the City of Bombay Municipal Act of 1888 for continuing to contravene the provision of 403 (1) of the said Act.	Section 403 (1)	.....			Convicted and imposed a daily penalty of Rs. 2.
,, 10th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	5	0	0	
,, 12th ...	For not keeping the fowl room in the Arthur Crawford Market compound which is in his occupation in a cleanly condition.	Chapter II, Clause V, of new By-laws.	5	0	0	
		Carried over ...	125	8	0	

Month and Date.	Nature of Offence.	Section of the Act.	Penalty inflicted.	Remarks.
1896.			Rs. a. p.	
		Brought forward ...	125 8 0	
June 16th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	2 0 0	
„ „ ...	Do. do. do. ...	„ ...	2 0 0	
„ „ ...	Do. do. do. ...	„ ...	20 0 0	
„ 26th ...	Do. do. do. ...	„ ...	1 0 0	
„ 27th ...	Do. do. do. ...	„ ...	.....	Withdrawn on 15th July 1896.
July 5th ...	Do. do. do. ...	„ ...	.....	Do. on 27th July 1896.
„ 9th ...	Do. do. do. ...	„ ...	2 0 0	
„ „ ...	Do. do. do. ...	„ ...	.....	Withdrawn on 29th July 1896.
„ 10th ...	Do. do. do. ...	„ ...	0 8 0	
„ „ ...	Do. do. do. ...	„ ...	0 8 0	
„ 11th ...	Do. do. do. ...	„ ...	30 0 0	
„ 17th ...	With selling beef at Sucklaji Street without license...	Section 411 (*b*) of Municipal Act III of 1888.	25 8 0	
„ 19th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	0 8 0	
„ 26th ...	Do. do. do. ...	„ ...	8 0 0	
„ „ ...	Do. do. do. ...	„ ...	8 0 0	
„ „ ...	With bringing pork from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	„ ...	2 0 0	
„ „ ...	Do. do. do. ...	„ ...	.....	Withdrawn on 12th Aug. 1896.
„ 27th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	„ ...	3 0 0	

"	"	...	With bringing sucking pigs into the City of Bombay without pass or permission from Municipal Commissioner.	"	...	.....			The pigs were confiscated and sold.
"	"	...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	"	...	3	0	0	
Aug.	1st	...	Do. do. do. ...						
"	4th	...	Do. do. do. ...	"	...	4	0	0	
"	7th	...	Do. do. do. ...	"	...	.....			Withdrawn on 2nd Sept. 1896.
"	17th	...	Do. do. do. ...	"	...	4	0	0	
"	"	...	Do. do. do. ...	"	...	3	0	0	
"	"	...	With selling mutton at 7th Kamathipura Street without a license.	"	...	3	0	0	
"	19th	...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 411 (*b*) of Act III of 1888.		.....			Warned and discharged on 26th Aug. 1896.
Sept.	3rd	...	With keeping bags of rice in Arthur Crawford Market in contravention of Clause III, Chapter II, of new By-laws.	Section 412 of Municipal Act III of 1888.		5	0	0	
"	3rd	...	Do. do. do. ...						
"	"	...	Do. do. do. ...	"	...	2	0	0	
"	"	...	Do. do. do. ...	"	...	3	0	0	
"	4th	...	Do. do. do. ...	"	...	3	0	0	
"	"	...	For keeping on his stall in the Erskine Road Mutton Market short weights which have not been verified and stamped.	"	...	5	0	0	
				Clause XVIII, Chapter II, of new By-laws.		1	0	0	
"	"	...	Do. do. do. ...						
"	"	...	Do. do. do. ...	"	...	1	0	0	
"	"	...	Do. do. do. ...	"	...	1	0	0	
				"	...	1	0	0	
				Carried over	...	271	8	0	

Month and Date.	Nature of Offence.	Section of the Act.	Penalty inflicted. Rs. a. p.	REMARKS.
1896.		Brought forward ...	271 8 0	
Sept. 8th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Act III of 1888.	1 0 0	
„ 9th ...	Do. do. do. ...	„ ...	2 0 0	
„ „ ...	Do. do. do. ...	„ ...	1 0 0	
„ 22nd ...	With selling beef in a place at Surti Mohalla without license.	Section 411 (*b*) of Municipal Act III of 1888.	2 0 0	
„ „ ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	.....	Warned and discharged on 30th Sept. 1896.
„ 28th ...	For keeping a place in Arthur Crawford Market compound without a license.	Section 401 of Act III of 1888.	5 0 0	
Oct. 7th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	.....	Withdrawn on 28th Oct. 1896.
„ „ ...	With bringing pork (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	„ ...	1 0 0	
„ 14th ...	Do. do. do. ...	„ ...	1 0 0	
„ 22nd ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	„	5 0 0	
„ 23rd ...	With selling mutton in the place at 7th Kamathipura Street without license.	Section 411 (*b*) of Municipal Act III of 1888.	1 0 0	
„ 26th ...	With selling beef without a license	„ ...	1 0 0	
„ „ ...	Do. do.	„ ...	1 0 0	
„ „ ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	.....	Withdrawn on 23rd Dec. 1896.

,, ,, ...	Do. do. do. ...	,, ...	.....				
,, 27th ...	Do. do. do. ...	,, ...	1	0	0	Withdrawn on 18th Dec. 1896.	
,, ,, ...	Do. do. do. ...	,, ...	5	0	0		
,, ,, ...	With bringing mutton from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	,, ...	1	0	0		
,, ,, ...	Do. do. do. ...	,, ...	1	0	0		
Nov, 1st ...	With selling mutton at 7th Kamathipura Street without a license.	Section 411 (*b*) of Municipal Act III of 1888.	.....			Warned and discharged.	
,, ,, ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	.....			Withdrawn on 25th Nov. 1896.	
,, 3rd ...	Do. do. do. ...	,, ...	25	0	0		
,, 5th ...	Do. do. do. ...	,, ...	.....			Withdrawn on 18th Nov. 1896.	
,, 14th ...	With selling beef without a license	Section 411 (*b*) of Act III of 1888.	.....			Warned and discharged.	
,, 18th ...	Do. do. ...	,, ...	1	0	0		
,, 23rd ...	Do. do. ...	,, ...	15	0	0		
,, 26th ...	For hawking in the Arthur Crawford Fruit and Vegetable Market.	Clause 10, Chapter II, of the new By-laws.	5	0	0		
,, ,, ...	Do. do. do. ...	,, ...	5	0	0		
Dec. 7th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	.....			Withdrawn on 23rd Dec. 1896.	
,, ,, ...	Do. do. do. ...	,, ...	.....			Do. do.	
,, 12th ...	For keeping in his stall in the Erskine Road Market short weights which have not been verified and stamped.	Clause 18, Chapter II, of new By-laws.	1	0	0		
		Carried over ...	352	8	0		

Month and Date.	Nature of Offence.	Section of the Act.	Penalty inflicted.			Remarks.
			Rs.	a.	p.	
1896.		Brought forward ...	352	8	0	
Dec. 19th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	1	0	0	
1897.						
Jan. 7th ...	Do. do. do. ...	,, ...	4	0	0	
,, 19th ...	Do. do. do. ...	,, ...	0	8	0	[Feb. 1897.
,, 28th ...	Do. do. do. ...	,, ...	.....			Withdrawn on 17th
,, ,, ...	Do. do. do. ...	,, ...	.....			Do. do.
,, ,, ...	Do. do. do. ...	,, ...	5	0	0	
,, ,, ...	Do. do. do. ...	,, ...	5	0	0	
,, ,, ...	Do. do. do. ...	,, ...	5	0	0	
Feb. 1st ...	Do. do. do. ...	,, ...	5	0	0	
,, 8th ...	Do. do. do. ...	,, ...	5	0	0	
,, ,, ...	Do. do. do. ...	,, ...	5	0	0	
,, 9th ...	Do. do. do. ...	,, ...	5	0	0	
,, 11th ...	Do. do. do. ...	,, ...	2	0	0	
,, 13th ...	Do. do. do. ...	,, ...	4	0	0	
,, ,, ...	Do. do. do. ...	,, ...	4	0	0	
,, 14th ...	Do. do. do. ...	,, ...	3	0	0	
,, 16th ...	Do. do. do. ...	,, ...	3	0	0	
,, 19th ...	Do. do. do. ...	,, ...	1	0	0	
,, ,, ...	Do. do. do. ...	,, ...	1	0	0	
,, ,, ...	Do. do. do. ...	,, ...	1	0	0	
,, 23rd ...	Do. do. do. ...	,, ...	1	0	0	
,, ,, ...	Do. do. do. ...	,, ...	1	0	0	
,, ,, ...	Do. do. do. ...	,, ...	1	0	0	
,, 26th ...	Do. do. do. ...	,, ...	1	0	0	
		Grand Total ...	416	0	0	

4.—RETURN OF STREET ACCIDENTS.

STATEMENT showing Street Accidents caused by the running over by conveyances in the Town and Island of Bombay from 1st April 1896 to 31st March 1897.

No.	Names of Streets.	Tram Cars.		Other Conveyances.	
		Injured.	Killed.	Injured.	Killed.
1	Fort Street	...	1	2	...
2	Frere Road	...	...	17	1
3	Bazaar Gate Street	...	...	3	...
4	Hornby Road	4	...	7	...
5	Church Gate Street	...	...	6	...
6	Alibag Street	...	...	1	...
7	Mody Street	...	...	1	...
8	Kawasji Patel Street	...	...	1	...
9	Homeji Street	...	...	1	...
10	Carnac Road	1	...	8	1
11	Chin Barrack Lane	...	...	1	...
12	Bora Bazaar Street	...	...	1	...
13	Palton Road	...	...	2	1
14	Cruickshank Road	...	...	1	...
15	Esplanade Road	1	...	6	...
16	Apollo Street	...	...	4	...
17	Meadows Street	...	...	1	...
18	Lower Colaba	...	...	1	...
19	Colaba Causeway	1	...	...	...
20	Argyle Road	...	...	1	...
21	Dongri Street	...	...	7	...
22	Broach Street	...	...	1	...
23	Musjid Bunder Road	1	...	10	1
24	Chuckla Street	...	...	2	...
25	Old Bengalpura	...	...	1	...
26	Abdul Rahiman Street	1	...	29	...
27	Nagdevi Street	2	1	4	1
28	Janjikar Street	...	...	4	...
29	Bhajipala Street	...	...	1	...
30	Sarang Street	...	...	2	...
31	Jackeria Street	...	...	3	...
32	Narayen Dhuru Street	...	...	2	1
33	Pydhoni Road	...	...	2	...
34	Khambekar Street	...	...	1	...
35	Bhendi Bazaar Road	4	1	18	1
36	Chinch Bunder Road	...	...	8	...
37	Chunam Kiln Road	...	...	...	1
38	Tandel Street	...	...	2	...
	Carried forward	15	3	162	8

No.	Names of Streets.	Tram Cars.		Other Conveyances.	
		Injured.	Killed.	Injured.	Killed.
	Brought over ...	15	3	162	8
39	Jail Road, South	...	...	2	...
40	Imambara Road	...	...	1	...
41	Nishanpada Road	...	...	3	...
42	Wari Bunder Road	...	...	1	...
43	Mallet Bandar Road	...	...	1	...
44	Jail Road, East	...	...	2	...
45	Shaik Memon Street	...	...	4	...
46	Kalbadevi Road	1	...	23	1
47	Mumbadevi Tank Road	...	...	6	...
48	Parel Road	2	...	11	...
49	New Hanuman Lane	...	...	1	...
50	Old do.	...	...	1	...
51	Girgaum Road	3	...	12	...
52	Thakoordwar Road	...	...	5	...
53	Agiary Lane...	...	...	1	...
54	Cathedral Street	...	...	2	...
55	Queen's Road	...	...	11	...
56	Lohar Street	...	...	4	...
57	Sonapur Lane	...	...	1	...
58	Cavel Street	...	...	1	...
59	1st Marine Lines	...	...	...	1
60	Kika Street	..	...	2	...
61	Goghari Moholla	...	...	1	...
62	Tukri Moholla...	...	...	1	...
63	Erskine Road	1	...	3	...
64	Pinjrapole Lane	...	...	1	1
65	Kawasji Patel Tank Road	1	...	6	...
66	Bapu Khote Street	1	...	2	...
67	3rd Bhoivada Lane	...	...	1	...
68	Girgaum Back Road	...	...	8	1
69	Grant Road	4	3	14	...
70	Duncan Road	5	...	9	...
71	Falkland Road	...	...	10	...
72	Trimbuck Parashram Street	...	...	3	...
73	Durgadevi Road	...	...	1	...
74	Bapty Road	...	...	3	...
75	Khetvadi Back Road	...	...	1	1
76	Do. Main Road	...	...	2	...
77	Churney Road	...	...	4	...
78	Gamdevi Road	...	...	3	...
79	Walkeshwar Road	...	...	2	...
80	Gowalia Tank Road	..	...	3	...
81	Arthur Road	...	...	3	...
	Carried forward ...	33	6	338	13

No.	Names of Streets.	Tram Cars.		Other Conveyances.	
		Injured.	Killed.	Injured.	Killed.
	Brought over ...	33	6	338	13
82	Bellasis Road	1	...	10	...
83	Tardeo Road	...	...	2	...
84	Dockyard Road	...	...	1	...
85	Mazagon Road	...	...	1	...
86	Kasar Gulli	...	...	1	...
87	Nesbit Lane	...	...	2	...
88	Victoria Road	...	...	...	1
89	Foras Road	...	...	5	...
90	Kursetji Suklaji Street	...	...	2	...
91	Balaram Street	...	...	1	...
92	Gilder Street	...	...	1	...
93	Kamathipura 5th Lane	...	...	1	...
94	Do. 6th do.	...	...	1	...
95	Do. 7th do.	...	...	1	...
96	Do. 8th do.	...	...	1	...
97	Do. 14th do.	...	...	...	1
98	Do. Bazaar Road	...	...	3	...
99	Ripon Road	1	...	4	...
100	Shepherd Road	...	...	1	...
101	Clare Road	...	...	3	...
102	Undria Street	...	...	1	...
103	Haines Road	...	...	3	...
104	Kala Chauki Road	...	...	3	...
105	DeLisle Road	...	...	5	...
106	Clerk Road	...	...	2	...
107	Soopari Bag Road	...	...	6	1
108	Parel Tank Road	...	...	2	...
109	Curry Road	...	...	3	...
110	Siori Road	...	...	3	...
111	Dadur Road	...	...	4	...
112	Naigaon Road	...	...	2	1
113	Matunga Road	...	...	1	...
114	Lady Jamsetji Road	...	...	2	2
115	Varli Road	...	...	1	...
116	Purbhadevi Road	...	...	1	...
117	Prince's Dock, West Wharf	...	...	1	...
118	Do. East do.	...	...	1	...
119	Do. South do.	...	...	2	...
120	Do. North do.	...	...	1	...
121	Do. Bridge	...	...	1	...
122	Victoria Dock, West Wharf	...	...	1	...
123	Do. South Central Gate ...	...	...	2	...
124	Do. East Wharf	...	...	1	...
	Grand Total ...	35	6	428	19

5.—REPORT OF THE MUNICIPAL HOSPITAL FOR INFECTIOUS DISEASES AT ARTHUR ROAD FOR THE YEAR 1896.

1. BUILDINGS AND GROUNDS.—No alterations worthy of note were made in the buildings and grounds during the year, except that a small cadjan shed to accommodate twelve patients was constructed in the compound about the end of the year.

2. CONSERVANCY, DRAINAGE AND WATER SUPPLY.—These remained the same as during the previous year.

3. THE HOSPITAL continued working throughout the whole year.

4. ESTABLISHMENT.—The permanent establishment consisted of 1 Medical Officer, 1 Resident Apothecary, 3 Ward Boys, 1 Ayah, 1 Police Ramosee, 1 Cook, 1 Biggarl and 1 Sweeper. On the outbreak of Bubonic Plague, 2 extra Hospital Assistants were detailed for duty at the hospital, and the following extra establishment was entertained during the latter part of the year :—5 Ward Boys, 1 Cook, 1 Sweeper and 2 Police Ramosees. A raid by some mill-hands having been made upon the hospital, an armed police guard was stationed by the Police Commissioner for about eight weeks.

5. DISEASES TREATED.—The total number of patients treated during the year was 775, the largest number treated in any single year since the hospital continued working as a permanent institution.

The diseases treated were distributed as follows :—

	Diseases.	Number.
I	Small-pox	303
II	Chicken-pox	56
III	Measles	8
IV	Cholera	98
V	Choleraic Diarrhœa	9
VI	Mumps	4
VII	Bubonic Plague	297

6. Two diseases, Small-pox and Bubonic Plague, are responsible for the increase in the number of patients treated, as they together total 600 patients out of 775—Small-pox numbering 303 and Bubonic Plague 297. The number of Small-pox patients treated is the largest ever treated, the number for the previous four years from 1892 to 1895 being 219, 89, 158 and 139 respectively. Bubonic Plague appears, of course, for the first time in the returns of this hospital. Cholera is responsible for 98 cases during the year as compared with 72, 74, 91 and 28 during the previous four years.

7. RESULTS.—The following table shows the results of treatment, together with the percentage of mortality for each disease during the year :—

	Diseases.	Number treated.	Cured.	Died.	Percentage of mortality.
I	Small-pox	303	231	72	23·76
II	Chicken-pox	56	55	1	1·78
III	Measles	8	7	1	12·50
IV	Cholera	98	34	64	65·30
V	Choleraic Diarrhœa ...	9	7	2	22·00
VI	Mumps	4	4	...	0·00
VII	Bubonic Plague	297	98	199	67·00
	Total ...	775	436	339	

The mortality from Small-pox was slightly higher than in 1895, when it stood at 20·86 per cent. of those treated, but it was less than in 1894 and 1893 even though the disease prevailed as an epidemic during the early part of the year, and the results compared favourably with the average of the previous four years, *viz.*, 25·64 per cent.

8. SMALL-POX.—Of the 303 Small-pox patients treated, 91 were vaccinated and the rest 212 were unvaccinated. In the latter there were 68 deaths as against 4 in the former, the relative proportion of mortality between the two classes standing as 1 to 8 :—

—	Number treated.	Cured.	Died.	Percentage of mortality.
Vaccinated	91	87	4	4·39
Unvaccinated	212	144	68	32·07
Total ...	303	231	72	

Thus, even during the period of an epidemic, the efficacy of Vaccination stands out more prominently in saving human life than during ordinary periods. It appears from the previous records from 1888 to 1894 that, although during this period small-pox never assumed epidemic proportions, the ratio between the protected and the unprotected as regards mortality was as 1 to 2; during 1895 it was as 1 to 3, and strange to say, during the period of a regular epidemic and when only the efficacy of Vaccination as a protective measure could be well tested, the proportion was as 1 to nearly 8.

Contrasting the mortality rate between the protected and unprotected of the same caste or community, it appears that the ratio of mortality amongst Christians, Hindu and Mussalmans, protected and unprotected, stands respectively as 1 to 5, 1 to 18, and 1 to 4 :—

	Vaccinated.			Unvaccinated.		
	Number treated.	Death.	Death-rate.	Number treated.	Death.	Death-rate.
Christians	39	2	5·12	104	25	24·30
Hindoos	42	1	2·38	49	18	36·73
Mussulmans ...	9	1	11·11	59	25	42·37
Parsees	1	...	...	...	...	...
Total ...	91	4		212	68	

9. CHICKEN-POX.—56 cases of Chicken-pox were treated during the year with only one death as compared with 26 during the previous year.

10. MEASLES.—8 cases of Measles were treated during the year with only one death.

11. CHOLERA.—The number of cases of Cholera treated was 98, out of whom 34 recovered and 64 died, giving a mortality rate of 65·30 per cent. The mortality rate is considerably higher than in any of the previous years, the highest 61·71 being recorded in 1895 and the lowest 51·35 per cent. in 1893. The disease was more virulent than usual, and nearly half of the total treated—40 cases—were treated during the course of one month only, *viz.*, August. Out of the 40 so treated, 30 died and 10 only recovered.

12. MUMPS.—4 cases of Mumps were sent for treatment from the David Sassoon Reformatory Institution, and all of them recovered.

13. BUBONIC PLAGUE.—The number of cases of Bubonic Plague treated during the last three months of the year was 297 : of these, 98 recovered and 199 died, giving a mortality rate of 67·00 per cent. The mortality rate, however, becomes reduced to 50·77 per cent. if moribund cases be excluded. As a special report on Bubonic Plague is submitted, no further reference to the subject need be made here.

14. REMARKS.—No special modifications were made with regard to the line of treatment adopted in the affections usually treated in the hospital, nor was any special advance heard of from elsewhere. The treatment of Bubonic Plague will be referred to in the special report.

15. THE CONDUCT of the establishment was satisfactory, and their arduous work has already been adequately recognised by the Municipal Corporation.

N. H. CHOKSY,

Chief Medical Officer,

Infectious Diseases Hospital, Arthur Road.

BOMBAY, 21*st August* 1897.

REPORT ON BUBONIC PLAGUE CASES TREATED AT THE ARTHUR ROAD HOSPITAL FROM SEPTEMBER 24TH, 1896, TO FEBRUARY 28TH, 1897.

I.—ADMINISTRATION.

1. The Arthur Road Hospital occupies a central position in the Island of Bombay and is easily accessible from all directions, both on account of its location near Jacob's Circle, where the principal roads from the city converge, and its close proximity to the Mahalakshmi and Chinchpokli stations and the tramway terminus. An extensive area of open land surrounds it on all sides, and the only habitable buildings near it are situated at a distance and to the south and south-west, and none are to the windward of the Institution.

The Hospital itself faces the west and is open directly to the sea-breeze; no buildings intervene between it and the sea—the Municipal Dhobievada, the B. B. & C. I. Railway lines, the race-course, the storm-water reservoir and the Hornby Vellard occupying the intervening space. To the north and north-west some of the mills are located, and to the east there is open ground and a tank. A small collection of water also exist between it and the Dhobievada.

2. The Hospital consists of three open sheds with a stone plinth and a tiled roof with ridge ventilation, supported on iron columns and earthen flooring. They are usually closed in with bamboo and mat frames. The size of each of the sheds is 117 feet by 40. Each shed has two self-flushing water closets attached to it, separated by a twelve-foot passage. The sheds are placed end to end from north to south and have the full advantage of the westerly breeze. Besides these permanent structures, there is a dispensary and quarters for one Hospital Assistant in one block, rooms for three or four servants in another block, a cook-room, a mortuary and a water closet for the servants.

3. The water-supply is from the Vehar main, and the drainage system is the water carriage system both for solids and fluids. The compound is well supplied with surface drains.

4. Up to the outbreak of Bubonic Plague and for the first 3½ months of the epidemic the Institution met all the demands made upon it, and they, as a rule, were not very heavy.

The number of patients treated varied from year to year; the largest number treated in any one year, except 1896, was 336 in 1892. During the early part of this year, however, the demands made upon the

Institution were extraordinary as shown by the fact that during January and February 1897, 642 plague cases were treated. These facts alone demonstrate the excessive strain that was put upon the resources of the Institution, and it becomes still more evident when contrasted with the ordinary work of the previous years as shown in the following table :—

Years.	No. of patients treated.	Period during which Hospital was open.
1888	45	4 months.
1889	102	6 „
1890	123	1 month.
1891	91	7 months.
1892	336	Whole year.
1893	214	„
1894	322	„
1895	205	„
1896	775	„
January & February 1897	642	

The large number of patients treated in 1896 is principally accounted for by the admission of 303 small-pox and 297 plague patients.

5. The usual establishment at the Hospital throughout these years consisted of one Medical Officer, one Resident Hospital Assistant, three to six ward boys (according to number of patients), one ayah, one cook, one or more sweepers, one biggary, one night and day duty Ramosees (at times), and it sufficed for all the needs of the Institution. The number of ward servants, sweepers, &c., was increased or diminished according to requirements.

6. The Hospital sheds are capable of accommodating one hundred patients, but hitherto such accommodation had never been required. Provision was usually made for about two dozen patients, but as soon as plague patients began to be admitted ample stock and materials were kept ready for about 80 and subsequently 150 beds.

7. The first plague patient was admitted on the 24th September 1896, and two more followed before the end of the month. In October, there were 85 admissions and in November only 27. Extra assistants in the shape of Hospital Assistants and ward servants was sanctioned by the Municipal Commissioner and the Executive Health Officer, and two Hospital Assistants, placed on plague duty by Government with the Bombay Municipality, were attached to the Hospital. The number of ward servants in October was 8 (seven ward boys and one ayah), and during November the staff continued the same with the exception of two ward boys who left the service on account of their having had to work among plague patients. In December, 182 patients were admitted, in January 1897, 277, and in February 365. The number

having increased so largely and so suddenly taxed to the utmost the zeal and ability of all concerned, but the Hospital Assistants and the ward servants, short-handed as they were, successfully attended to the nursing of the patients. The number of ward servants was increased to 10 in December, to 12 in January and to 15 in February, and in addition to this, extra men, such as sweepers, cooks, &c., were employed. The following statement gives the particulars of the establishment from month to month :—

	Medical Officer.	Hospital Assistants.	Ward Boys.	Ayahs.	Cooks.	Sweepers.
September 1896	1	1	2	1	1	1
October „	1	2	7	1	1	2
November „	1	3	5	1	1	2
December „	1	3	9	1	2	2
January 1897	1	3	11	1	2	3
February „	2	4	12	3	3	6

The proportion which the ward attendants bore to the number of patients in the Hospital can therefore be easily determined by taking the daily average and contrasting the same with the number of servants :—

	Daily Average Number of Patients.	Number of Ward Servants.	One Servant to
September 1896	5·43	3	2 patients.
October „	23·54	8	3 „
November „	15·16	6	2½ „
December „	35·35	10	3½ „
January 1897	71·70	12	6 „
February „	109·67	15	7 „

8. Every effort was therefore made to secure additional servants, but in spite of the continuous efforts of the authorities to procure them even on double or treble pay, the greatest difficulty was experienced. There was extreme reluctance on the part of men, who had never been in their lives inside a Hospital, to take service, especially in a Plague Hospital, and when asked they openly said that they would not endanger their lives under any consideration ; some, however, were induced to join, but only worked for a few hours or days and then ran away, never even coming to claim their wages. The number and the frequency of deaths, combined with the delirious condition of patients, used to frighten them, and indeed the sights and sounds of a plague ward in the dead of the night, with the

groans and moanings of the delirious patients, were enough to appal the stoutest heart. Old servants could with difficulty be induced to remain, and a majority of them on that account went on strike and refused to work. All of them were given a bonus to make them continue in service, and their pay all round had to be increased. They were asked to induce some of their own friends to take up work in the Hospital, but to no purpose. They used to come, work for a short time and run away as before. Pay, however large, was no inducement. They had never seen so many people dying, as they did in the plague, for the largest number died at the Arthur Road Hospital, both because of the numerous admissions and because so many cases were brought in a moribund condition. It was not till March, when the epidemic commenced to decline, that a considerable number could be induced to join, and, strange to say, amongst the latter were some people who had attended their sick friends in the Hospital. The men who stuck to their posts during these trying months worked most zealously. The three Hospital Assistants worked practically night and day, I myself putting in from six to eight hours' work every day. The strain was terrible, and it is indeed a source of wonder, when thinking calmly over those days, to realise how the whole staff passed safely through such critical times.

9. Early in February the patients commenced to be brought to Hospital in large numbers, and the daily admission rate fluctuated between ten and twenty-two, the largest number of patients in Hospital on any one day being 136 on the 16th of February. Stores and other equipment were indented for in proportion from the beginning of the month. There was, however, one day a sudden rush of patients, and two families, consisting of about 12 persons, were sent to the Hospital at about midnight. All the available cots having become exhausted during the previous 24 hours' admissions, which were heavy, some of the patients had to be accommodated on the floor for a few hours, warm blankets, sheets, pillows, &c., being provided for them. On reaching the Hospital early in the morning I was informed about the state of affairs, and I immediately obtained a loan of a few cots from the Jain Hospital in the compound and had them made comfortable within a few minutes. This was the single occasion on which the hospital accommodation for a few hours was insufficient, and extension and further accommodation was at once put in hand. Every patient had his allotted meed of attention, and the system of stock mixtures and routine treatment, dieting, &c.—the only rational and practicable system in such times—was adopted to ensure due attention to each and everyone and at the same time to lessen the worry and burden of the work on the overtaxed staff.

10. The floors of the Hospital came in for a good deal of adverse criticism, but by a liberal use of strong disinfectants, especially solutions of carbolic acid and corrosive sublimate, the risk of infection from them was to a great extent minimised, and in no single instance were any of the ward servants, sweepers, friends of patients (almost all

of whom used to go about bare-footed) infected. The Arthur Road establishment was not an ideal infectious diseases hospital in some respects, and might have been considerably improved upon; but its fine site and the free ventilation from the open sea-breeze that it provided—a *sine quâ non* in such a disease as bubonic plague—rendered it admirably suited for the purpose for which it was intended, and all the Europeans, members of the various Plague Commissions and others who visited the hospital, envied Bombay in possessing such an open and well-situated institution. Experts have been and are still at variance as to the best building for an infectious diseases hospital, and opinion was pretty equally divided amongst the savants as to whether a permeable and frequently renewed flooring or a permanent one was best for a tropical climate—although a majority seemed to favour the latter view as being more economical, less risky and better in appearance. One shed has already been experimentally paved with Indian Patent stone. As regards bamboo matting, some favoured a structure that could be destroyed, whilst others were in favour of a more substantial arrangement. The sheds were re-arranged as regards their enclosure: 8 feet verandahs were left all round and mat frames of a different pattern were affixed in one ward, and in the two others dealwood planking frames, well painted, were fixed. It is yet too soon to speak about the relative merits of this arrangement. A small cadjan shed for 12 patients was erected in the compound in December, and two large cutcha wards, each 100 feet by 40 feet, were commenced early in February so as to increase the total accommodation of the Hospital to 150 beds. Additional buildings were taken in hand during February for the accommodation of the Sisters of All Saints' and other nurses, as well as for the additional ward servants and others.

11. Apart from the difficulties above referred to, the Hospital had to contend against the ignorance and prejudice of the people, always averse to going to a Hospital, and more so when sent there against their will and under compulsion. Time after time patients in a moribund condition were brought to the Hospital, to whom no relief could be given, as they were practically past all help, and they came simply to die, the Hospital getting all the popular discredit attached to the heavy mortality. Nearly one-third of the total admissions during the six months died within 24 hours of admission, by far the greater number dying within a few hours and some even within a few minutes. At times patients were found dead when brought to Hospital in ambulances, and the corpses were sent direct to the burning grounds. Added to this heavy mortality, the means used to resuscitate and support their strength, especially subcutaneous injections, were misconstrued, and it was openly said that the Doctors were killing the patients in order to stop the further ravages of the epidemic. It was also freely stated that the patients were purposely killed and their hearts taken out in order to send them to Her Majesty the Queen-Empress to appease her wrath on account of the disfigurement of her statue, which occurred in the beginning of the Epidemic. All this culminated in a raid on the hospital in the forenoon

of 29th October 1896, when a large number of mill hands, estimated from 800 to 1,000, rushed towards the hospital, breaking open the gates, and scaling the walls with a view to wreak their vengeance on the hospital staff for the alleged killing of patients. Road metal was freely thrown at the hospital staff, some of which, reaching the wards, broke the tiles and injured some patients, but fortunately no one was seriously hurt; on learning that the police were approaching the men dispersed in all directions. An armed Police guard had to be quartered on the premises for a long period, and Arthur Road, which is one of the main roads leading to the mills, was patrolled by mounted and foot police for a considerable time after the raid. The Hospital Assistants were openly threatened with violence; they dared not go out of the compound for their meals, &c., unless shadowed by policemen in plain clothes, and it was under such conditions that the work of the hospital was conducted for some two months.

12. The relatives and friends of patients were freely welcomed on all occasions, under the belief that they would supplement the efforts of the nursing staff, and though a good deal of noise was created on the score of their being not allowed to visit the patients, exactly as they liked, it was found, when it came to a practical test of their feelings, that they were in the majority of cases so terror-stricken as not to care to venture within the gates, once the patient was admitted to the hospital. Most of the clamour raised was due, not to their being forbidden to see their friends, but on account of their having been taken to the hospital under compulsion. In only a few cases did they stay and nurse the patients throughout their illness. A large number tarried for a short time, not out of any consideration for the patients, but with the sole object of eliciting information from the sick as regards their belongings, property, &c., whilst in other cases they simply came to relieve the patients of all the valuables on their persons and never appeared again to inquire after them, or give them a decent burial when they died. All family ties and ties of kinship appeared to have been forgotten for the time being, and husbands deserted their wives and *vice versa*, and even children were deserted by their parents. Often children were brought to the hospital by their parents, who gave a purposely wrong address and could not be traced afterwards, having gone away for good after leaving them at the institution. And in fact during this period, 338 dead bodies of plague patients were disposed of at Municipal expense, the largest number being for December, January and February 62, 88 and 197, respectively. All these were not pauper patients in the strict sense of the term, for a good many of them had means or connections who could have discharged their duty to the dead instead of getting it done at public expense. These 338 bodies, so disposed of, belonged to the Hindu and Mahomedan communities alone, a large number of Native Christian and Goanese corpses having been disposed of by the Fathers of the Dabul Church under instructions from the Very Reverend Vicar-General.

As to any help in nursing from the friends of patients, their presence, though it may have been a comfort, very often proved disastrous to the sick, for they frequently disturbed the patients when quiet was a paramount necessity, and it was not at all unusual to detect them in the act of surreptitiously inserting boluses of lumpy rice between the lips of semi-moribund cases. Any real help from such a quarter was entirely exceptional.

Several orphans belonging to various communities were left on our hands after being cured, and some of them were adopted and taken away by charitably disposed persons, whilst others were entrusted to the charge of the Sisters of All Saints, who very kindly undertook to look after them.

13. In every case where dead bodies were claimed by the relatives or friends of patients, they were handed over to them for disposal, and in no case was there refusal or the slightest reluctance on the part of the Hospital Staff to give them up; no grounds therefore existed for complaint on this score. It was a mere canard that the Doctors cut up the dead bodies and did not return even the dead to their kinsmen. But it appeared that as the epidemic increased in intensity, the zeal of the kinsmen waned proportionately, for out of the 43 deaths that occurred in October, during the commencement of the epidemic all except four bodies were claimed by the friends. In November, out of 20—5, *i.e.*, a fourth, were disposed of at Municipal expense, and the figures for December, January and February stand as follows:—

Months.	Death from Bubonic Plague.	Bodies disposed of at Municipal expense exclusive of Christians.
December	132	62
January	182	88
February	287	179

Whenever there was a death, every possible effort was made, so far as time permitted, to inform the connections of patients if known, and a reasonable time was allowed for them to come for the burial, but failing this, the body had to be disposed of, as, on account of the daily heavy mortality, the corpses could not be allowed to accumulate and decompose for an indefinite period.

Sometimes friends used to turn up some hours after disposal and were informed accordingly; often they only came for inquiry from a

fortnight to three months after the death of the patient—sometimes for certificate of death in order to claim insurance money, &c.; at others to claim any effects left by the patient. Whatever the patient possessed was taken charge of and delivered over to him if he recovered, or to his friends or relatives in case he died, but in most cases patients brought very little with them to the hospital.

14. Such in brief is the administrative history of the Arthur Road Hospital as a plague hospital. Up to February the work with all its attendant details of administration, organisation, equipment, provisioning, &c., added to the purely medical work fell upon the Medical Officer, who for a considerable period was single-handed, and his staff, and besides these duties, multifarious as they were, a good deal of time had to be devoted to visitors from every part of India and all parts of the world. But this was not all. The Plague Epidemic had suddenly created in our midst a host of pseudo-specialists who pretended to know all about the plague, and who for a time forgetting their usual avocations of Tramway Conductors, Railway Guards, Engineers, Postal Inspectors, Clerks, &c., suddenly blossomed forth into plague specialists, vaunting their nostrums day after day, and pestering the Health Officer as well as the Medical Officer of the hospital. Then, again, the permanent quacks had their specialities and in some cases even duly qualified medical men, who ought certainly to have known better, came out with strings of prescriptions and specifics with the view of obtaining a fleeting notoriety. The late Dr. P. N. Davda was appointed early in February to assist me, and he discharged his duties in an extremely praiseworthy manner till his sad and untimely death from Bubonic Plague at the Arthur Road Hospital on the 1st of May 1897. Doctors Pilgaonkar and Miss Maneck Tarkhad volunteered to assist me during the most trying period of the epidemic, and I need hardly say that their timely help proved to me of extreme value, and I cannot sufficiently thank them for the valuable aid they rendered me, and for their public spirit and zeal in so disinterestedly coming forward to undertake such risky and onerous work. Doctors Moon and C. F. Underwood also assisted me for a short time, and I am grateful to them for their help.

15. The nursing was placed under the charge of the Sisters of All Saints on the 6th of February, and no words could suffice to eulogise the devotion and the zeal they brought to bear on the nursing of plague patients at no inconsiderable personal risk and sacrifice. It is not possible to imagine what the state of the hospital would have been without their timely aid at the most critical period of the epidemic. Their work in connection with plague operations will always remain a bright chapter in the annals of the Sisterhood, and they have laid this city under a deep debt of obligation to them. Miss Atkinson of Cama Hospital also joined the Sisters in this work, and Mr. Richardson, F.C.S., Ph.D., assisted for a considerable period in nursing the patients both before and after the Sisters took charge.

16. Of the hospital staff, the Assistant Medical Officer, Dr. P. N. Davda, and three ward boys, were attacked with plague. Dr. P. N. Davda succumbed to the affection, and his death was a real loss to the institution. All the ward boys recovered—two of them suffered from a mild and one from a moderately severe form of the disease.

17. The scope of the appended Medical Report is strictly clinical, being a summary of observations made on the cases treated in the hospital. It does not lay claim to be an exhaustive or detailed study of the disease, and consists of such superficial observations as the limited time at the disposal of the Medical Officer would permit of. It may, however, be considered to embrace such of the principal points as were worth noting and recording, and are likely to prove useful for future reference.

II.—Statistics.

18. The following statistical statements are prefixed to give a general idea of the work done at the hospital during the period :—

Table I.

Months.	Number of patients admitted.	Died within 24 hours.	Died within 48 hours.	Total Deaths.	Recovered.	Percentage of total mortality.	Percentage of mortality exluding the deaths within 24 hours.
September and October 1896 ...	88	17	10	46	42	52·23	40·84
November 1896 ...	27	9	3	18	9	66·67	50·00
December „ ...	182	60	63	135	47	74·12	61·47
January 1897 ...	277	90	43	191	86	69·00	54·00
February „ ...	365	130	46	298	67	81·64	71·48
	939	306	165	688	251	73·26	60·34

19. Table No. 1 shows that the total number of patients treated during the period was 939, of whom 688 died and 251 recovered, giving a mortality rate of 73·26 per cent. Of the total deaths, 306 occurred within the first 24 hours, and 165 during the next 24 hours, *i.e.*, nearly more than $\frac{2}{3}$rds of the total mortality occurred within 48 hours of admission. If the mortality of the first 24 hours be excluded from computation, the mortality rate would stand at 60·34 per cent. of the number treated. It is a striking feature in the epidemic that during November, December, January and February, exactly a third of the total admissions should have died within the first 24 hours. As regards the 24 hours following, the ratio however is not the same. It appears that in December, with a total mortality rate of 74·12 per cent., a third more of the total admissions should have died, whereas in

February with a higher mortality rate of 81·64 per cent. and in January with a lower rate of 69·00 per cent., the number of deaths within the second 24 hours should have been equal. Evidently patients lived a little longer in January and February than in December, but with this difference, that the longer period gave a better recovery rate to the extent of 5 per cent. in January, whereas in February the same causes increased the death-rate by 7·50 per cent. over December. On comparing the mortality of various months, September and October have the least mortality (52·23 per cent.); then comes November with 66·67 per cent., and which is followed by January, December and February with 69·00, 74·12 and 81·64, respectively. This clearly indicates a progressive rise in the intensity of virulence of the virus from September onwards up to the end of February, when it seems to have reached its maximum. It is found, on the comparative statistics of March, April, and May that the mortality rates for these three months stand at 67·35, 56·66 and 38·46 per cent. respectively, thus indicating a decadence in the severity of the epidemic.

TABLE II.

	No	Died.	Recovered.	Percentage of mortality.
Hindus	693	523	170	75·46
Mussalmans	119	79	40	66·38
Native Christians	116	78	38	67·24
Parsees	7	5	2	71·42
Israels	4	3	1	75·00
Total ...	939	688	251	73·26

20. Table No. 2 gives the details of the patients treated during the period, from which it appears that Hindus constituted more than two-thirds of the total admissions (693), the rest being made up of Mussalmans (119), Native Christians, mostly Goanese, (116), Parsees (7) and Israels (4). The mortality amongst the Hindus, as a class, was very heavy, namely, 75·46 per cent. of those treated, whereas Mussalmans had a mortality of 66·38 per cent. and Native Christians 67·24 per cent. The number of Parsee and Israel patients being so limited, no comparison can be instituted between them and the rest of the patients. What, however, strikes one most is the fact that Mussalmans and Native Christians—both meat-eating communities—should show an almost equal mortality rate from an almost equal number of patients. No deductions can, however, be drawn from such scanty figures, but when the statistics of the total mortality are made up, it would be interesting to find out whether the meat-eating communities had a stronger power of resistance and consequently lower mortality than the non-meat-eating castes.

TABLE III.

(*a*) Hindus.

	Number.	Died.	Recovered.	Percentage of mortality.
Males	554	423	131	76·35
Females	98	73	25	74·49
Children	41	27	14	65·85
Total ...	693	523	170	75·46

(*b*) Mussalmans.

	Number.	Died.	Recovered.	Percentage of mortality.
Males	103	66	37	64·07
Females	14	11	3	78·57
Children	2	2	.....	100·00
Total ...	119	79	40	66·38

(*c*) Native Christians.

	Number.	Died.	Recovered.	Percentage of mortality.
Males	88	57	31	64·77
Females	23	18	5	78·26
Children	5	3	2	60·00
Total ...	116	78	38	67·24

(*d*) Parsees.

	Number.	Died.	Recovered.	Percentage of mortality.
Males	6	4	2	66·66
Females	1	1	.....	100·00
Children	.....	...	.....	.....
Total ...	7	5	2	71·42

(*e*) Israels.

	Number.	Died.	Recovered.	Percentage of mortality.
Males	4	3	1	75·00
Females	.....	.....	.....	.....
Children	.....	.....	.....	.....
Total ...	4	3	1	75·00

21. Table No. III contrasts the admissions by castes, together with the sexes, and here too comparison can only be instituted between the Hindus, Mussalmans and Native-Christians. Hindu males had a much higher mortality rate than either Mussalmans or Native-Christians. The latter having almost the same rate, 64·07 and 64·77 as against 76·35 per cent. in the former—a difference of over 12 per cent. This, however, does not hold good in the case of females, and strange to say, Hindu females show a lower mortality rate by almost 4 per cent.—74·49, than Mussalmans or Native-Christian females, in whom the rates are 78·57 and 78·26 per cent., *i.e.*, even higher than the Hindu male death-rate. It may be that this is due to the female admissions being so comparatively few in these communities. In the case of children, it is noticeable that the number of Mussalman and Native-Christian children is too limited for purposes of comparison, but Hindu children show a lower mortality rate than adult males or females—65·85 per cent., which is almost about the same as that of the adult males of the two other communities.

As regards the various classes of Hindus admitted, it may be stated that the majority consisted of Deccani and Kokani Mahrattas, about 500. The Purdeshees followed next with about 141 admissions—almost all males. These are as a rule men of good physique and come to Bombay from Upper India in search of work. They are mostly employed as syces, dhobies, gowlees or milkmen, coachmen in the mill industry, and in miscellaneous employments, such as hawkers and sweetmeat sellers.

Although they have a better build and appear stronger than the Deccani Mahrattas, they are almost invariably underfed, and therefore not so capable of resisting infection. Their stamina is very low and consequently the mortality amongst them was very heavy. Of the 141 Purdeshees admitted, 115 died, giving a mortality rate of 81·56 per cent., but comparing them by the occupations they followed, it is seen that the heaviest mortality was amongst the syces—89·47 per cent., then come gowlees or milkmen with 86·66, then those following miscellaneous trades, 84·00, and lastly dhobies, mill-hands and coachmen with 78·57, 78·00 and 77·77 per cent. respectively.

The rest of the Hindus, about 52 in number, were made up of Shenvees, Purbhus, Deccani and Gujarati Banias, Lohanas and a few Bhatias, and only one high-class Brahmin from Dharwar.

TABLE IV.

No.	Occupation.	Number of admission.	Died.	Recovered.	Percentage of Mortality.
1	Ayah	14	12	2	85·71
2	Baker	3	2	1	66·66
3	Barber	8	7	1	87·50
4	Basket-maker	2	1	1	50·00
5	Beedi Seller	1	.....	1	00·00
6	Beggars	155	121	34	78·66
7	Blacksmith	2	2	.....	100·00
8	Butcher	5	4	1	80·00
9	Butler	13	11	2	77·00
10	Carpenter	8	8	.....	100·00
11	Cart-driver	7	7	.....	100·00
12	Clerks	5	3	2	60·00
13	Coachmen	18	14	14	77·77
14	Compositor	5	3	2	60·00
15	Cook	50	36	14	72·00
16	Coolie	163	117	46	71·70
17	Cotton cleaner	1	1	.....	100·00
18	Dhobee	14	11	3	78·57
19	Dyer	1	1	.....	100·00
20	Fishermen	2	1	1	50·00
21	Fitter	4	2	2	50·00
22	Goldsmith	6	4	2	66·66
23	Gondlee (singer, religious),	1	1	.....	100·00
24	Gowlees (milkmen)	15	13	2	86·66
25	Hawker	7	4	3	51·14
26	Lascar (Arsenal)	1	.....	1	00·00
27	Lascar (Fire Brigade)	4	3	1	75·00
28	Malee	11	9	2	81·81
29	Mason	1	.....	1	00·00
30	Mill-hand	101	78	23	77·22
31	Painter	5	4	1	80·00
32	Peon	9	7	2	77·77
33	Policemen(Railway Police)	17	12	5	70 58
34	Polisher	1	1	.....	100·00
35	Printer	6	5	1	83·33
36	Private, Native Regiment,	2	1	1	50·00
37	Railway Servant	3	1	2	33·33
38	Sailor	4	2	2	50·00
39	School boy	8	4	4	50·00
40	Servant (Domestic)	139	91	48	65·47
41	Shoemaker	7	4	3	57·14
42	Shopkeeper	14	10	4	71·42
43	Sweeper	6	5	1	83·33
44	Syce	19	17	2	89·97
45	Tailor	15	12	3	80·00
46	Ward boy	1	.....	1	00·00
47	Weaver	5	3	2	60·00
48	Wool cleaner	2	.....	2	00·00
49	No occupation	47	32	15	78·08
		939	688	251	73·26

22. Table No. 4 gives particulars of the patients admitted and their mortality rate according to their occupation. They have been divided into 48 classes; those without occupation forming the 49th class; but as in the majority of these the number is small, only 16 classes have been compared, and in these the admissions ranged from 11 as in the case of malees to 163 in that of coolies. It appears that the lowest mortality was amongst domestic servants—65·47 per cent. and the highest amongst syces—89·47 per cent. The following table contrasts the mortality rates between these two limits :—

	Occupation.	Mortality rate.
1.	Domestic Servant	65·47
2.	Policeman	70·58
3.	Shopkeeper	71·42
4.	Coolie	71·70
5.	Cook	72·00
6.	Butler	77·00
7.	Mill-hand	77·22
8.	Coachman	77·77
9.	No occupation	78·08
10.	Dhobee	78·57
11.	Beggar	78·66
12.	Tailor	80·00
13.	Malee	81·81
14.	Ayah	85·87
15.	Gowlee	86·66
16.	Syce	89·47

The difference in the mortality rates of the occupations above enumerated is very striking, and it indicates that people who are as a rule better fed as the first five or six classes are, have a better chance of getting over the infection than those not similarly situated. The heavy incidence of mortality among the Purdeshees has already been referred to in a previous para, and the above table, if anything, strengthens the deduction arrived at therein. In fact gowlees and syces appear to be much worse fed than coolies, whereas dhobies, beggars, and those without any occupation are about on a par.

EDUCATIONAL.

REPORT OF THE JOINT SCHOOLS COMMITTEE, forwarded by the Committee's Secretary under his No. 352 of 30th June 1897.

THE JOINT SCHOOLS COMMITTEE'S OFFICE,
MUNICIPAL OFFICES, FORT,
BOMBAY, *24th May* 1897.

REPORT ON THE ADMINISTRATION OF THE JOINT SCHOOLS COMMITTEE FOR THE YEAR 1896-97.

Personnel of the Committee.

At the commencement of the year the Joint Schools Committee consisted of the following members :—

Appointed by Government.	*Appointed by the Corporation.*
GRATTAN GEARY, Esq.	NANU N. KOTHARE, Esq.
J. T. HATHORNTHWAITE, Esq.	Hon. Mr. A. M. DHARAMSI.
Hon. Mr. N. N. WADIA, C.I.E.	K. N. KABRAJI, Esq.
Hon. Mr. J. U. YAJNIK.	Dr. THOMAS BLANEY, C.I.E.

2. Dr. Blaney having resigned his seat on the Committee, the Corporation elected Professor O. V. Muller in his place, and the Committee placed on record a resolution thanking Dr. Blaney for his services to primary education, both as Chairman and as a member of the Committee since its formation.

3. The two senior members, who retired during the year in accordance with the provisions of section 39 (3) of the Municipal Act, were Mr. Grattan Geary and Mr. Nanu Narayan Kothare. They were both re-appointed by the Government and the Corporation, respectively.

4. The Hon. Mr. Nowrosji N. Wadia was unanimously re-elected Chairman for the year.

Bubonic Fever and its Effects.

5. During the latter part of the year the bubonic plague, which prevailed in Bombay, interfered largely with the work of the Committee. The Marathi and Gujerati Schools had to be closed practically from the middle of December. They will be re-opened in June next. The Urdoo Schools were also closed from the middle of December 1896 to the middle of February 1897. As a precautionary measure, all the school-houses were thoroughly cleaned and white-washed; and the Urdoo Schools, being re-opened after a time, were supplied with disinfectants. As a consequence of the visitation, the income from fees fell considerably below the figure for the previous year. To the same cause is due the want of the usually complete statistics regarding attendance and the number of unaided schools. As another effect of the plague, it is probable that some of the aided schools and several of the unaided schools, which are wanting in the elements of financial stability and performance, will be found to have disappeared. Since the total number of children attending unaided schools is about as much as that attending the Municipal and Aided Schools, the possible improvement of these private institutions and the probable necessity of the expansion of Municipal and Aided Schools will form an important question for consideration.

The Educational Conferences.

6. Another event which claims notice is the Educational Conferences, which were held, during the year, by direction of Government. Such of the officers and teachers under the Committee as were desirous of attending them were allowed leave for the purpose. The Chairman of the Committee was present at the Poona Conference. Several papers were read and discussed. The report of the Director of Public Instruction on the sittings is awaited by the Committee with interest, as it is likely to clear the way for progress in many directions.

Finance.

7. The Government grant for the year was the same as that fixed last year under the quinquennial contract, *viz.*, Rs. 39,666. The Municipal contribution, also, was the same as that for the previous year, *viz.*, Rs. 59,135. Government, as hitherto, continued to contribute Rs. 3,000 as their share of the cost of the Inspectorial establishments, for duties other than those connected with primary education.

8. The income from fees fell, for reasons already given, from Rs. 23,481-1-0 in 1895-96 to Rs. 17,111-0-6 in 1896-97, being Rs. 5,889 less than the estimated figure.

9. The opening workable balance was Rs. 56,795-6-10. The total receipts were Rs. 1,19,435-11-6 as against Rs. 1,25,805-12-0 in 1895-96. The total expenditure was Rs. 1,27,731-11-3 as against

Rs. 1,11,069-12-7 in 1895-96, leaving a balance to the credit of the School Fund of Rs. 48,499-7-10 on 1st April 1897, being Rs. 38,499-7-10 in excess of the statutory obligations.

10. In pursuance of the policy to gradually utilise the surplus for the improvement of school accommodation, the raising of the status of teachers, and the promotion of education among females, Mahomedans, and low castes, the Committee have decided to appropriate Rs. 25,000 from this balance towards the expenditure of the next year.

11. The cost per pupil, calculated on the attendance for December 1896, was Rs. 17 as against Rs. 12·4 in 1895-96. The higher percentage is due to increased expenditure and reduced attendance on account of the plague.

Donations and Endowments.

12. During the year Mr. Bhagwandas Madhavdas Raghunathdas presented to the Committee Government promissory note of the value of Rs. 500 with a request that the interest thereof be devoted annually towards the purchase of prizes for the Churney Road Girls' School. This is the third endowment of its kind, which has been handed over to the Committee's administration.

13. Mr. N. V. Mandlik, Executor of the late Mr. E. Rehatzak's estate, gave Rs. 800 this year against Rs. 700 in 1896 and Rs. 500 in 1895, for the purpose of awarding monetary prizes to deserving pupils in the Municipal Schools. The Committee desire to express their appreciation of Mr. Mandlik's annually increasing donation. A few smaller donations made by others were also received with thanks.

Annual Prize Distribution.

14. It is felt that an annual prize distribution to the successful students of all Municipal Schools at one time and place, in the presence of ladies and gentlemen interested in the cause of primary education, would be desirable as conducive to a better and healthier competition among the various schools and their scholars, and as a means to awaken deeper interest in primary education on the part of the public.

Extension of Primary Education.

15. Owing to the visitation, the Committee are able to report little progress in regard to primary education, beyond the opening of a number of new schools to which reference was made last year.

Mahomedan Education.

16. The five new schools referred to in para. 14 of the last report were opened during the year and provision has been made in the next budget for four more. This will raise the number of Urdoo Schools from 2 in 1893-94 to 14 in 1897-98, with 148 and 750 children in attendance, respectively.

Education of Low-Castes.

17. The school for low-castes in Kamathipura is doing well. The Committee feel that a few more will have to be opened in the near future for the benefit of these classes. The Committee had resolved upon opening one more during the year, but on account of the plague the object could not be carried out.

Female Education.

18. An Urdoo school for Mahomedan girls was started at Nagpada and the Committee are pleased to report that it has succeeded beyond expectations. Within six months of its establishment, the attendance rose from 33 in the first month to 125, the school being second to the Nagpada School only in point of numbers. A school for Hindu girls was opened at Worli. The total number of girls' schools was 15 at the end of the year.

Marathi Schools.

19. Besides the girls' school abovenamed, a night school was established at Walkeshwar. The total number of Marathi schools at the end of the year was 39.

Gujerati Schools.

20. Two new Gujerati schools were also opened, a day school for boys at Byculla and a night school at Musjid Bunder. The total number of Gujerati Schools was 29 at the end of the year.

Aided Schools and Grants-in-aid.

21. The number of Aided Schools is steadily increasing. During the year under report 8 new schools were registered while 2 were removed from the list. One of the latter (2) was the Jambli Moholla Indigenous School which was closed during the year, while the other was the Shaikh-ul-Islam School, which was taken over by the Committee at the request of the proprietor, and is now known as the Gowli Moholla Urdoo School. The total number of Aided Schools thus stands at 95 against 89 in 1895-96.

22. The total grant earned by these schools, including the fixed grant of Rs. 5,000 to the schools of the Anjuman-i-Islam, was Rs. 21,333, against Rs. 20,074 in 1895-96. The amount would have been comparatively larger under the revised Grant-in-aid Code issued by Government. The Committee hope to adopt the new scale sanctioned by Government in the near future.

Unaided Schools.

23. On account of the visitation, no reliable information can be given regarding the number of Unaided Schools or that of the pupils in attendance thereat. Almost all of these schools have been temporarily closed and it will probably be found that several have ceased to exist altogether. The Committee have from time to time shown their readiness to take over private schools where necessary.

MUNICIPAL SCHOOLS.

School Buildings and Accommodation.

24. No definite agreement has been arrived at between the Corporation and Government regarding the building of school houses. The facts of the situation are these:—After the Corporation passed the Resolution noted in the last Annual Report (para. 21) informing Government of the starting of the Primary School Building Fund, the Joint Schools Committee asked the Solicitors to expedite the draft of the lease mentioned in para. 22 of the last Annual Report. The draft was obtained through the Municipal Commissioner on the 23rd July and was discussed at the meeting of the Joint Schools Committee on the 5th August 1896. It was observed "that the lease was proposed in the name of the Corporation as the Solicitors were of opinion that such leases must be entered into by the Corporation itself, inasmuch as no express power of entering into leases of premises for schools is given to the Committee by the Act, which, indeed, evidently contemplated that the Corporation shall provide the necessary accommodation, unless and until the Committee are invested with that power." The Joint School Committee thought that "the omission in the By-laws of any special reference to the subject of renting school buildings does not deprive the Committee of the power of discharging this necessary part of their functions." They, therefore, resolved "that the Solicitors be asked to substitute in the draft of the lease the name of the Committee for that of the Corporation."

25. The Solicitors were also asked to revise the form of lease, in consultation with the Chairman of the Committee, and were told that it should provide for a sufficiently long period of years to induce Trust and other Bodies, who invested their funds in Government securities, to tender for building suitable houses and leasing them to the Committee for the purposes of their schools. While this was receiving the attention of the Solicitors, the Corporation, on the application of the Hon. Mr. P. M. Mehta, gave priority to the consideration of Government reply, dated 3rd July 1896, to the letter of the President of the Corporation addressed as aforesaid in pursuance of the Resolution passed on the 9th March 1896. In that reply Mr. Secretary Logan stated:—

"Considering for these reasons that there is a special need for meeting the wishes of the Corporation on this occasion, his Excellency the Governor in Council is prepared to sanction a grant-in-aid to the Bombay Municipality of Rs. 50,000. This sum, I am to say, will be placed at the disposal of the Corporation, subject to the usual conditions regarding building grants for primary schools."

"Your letter under reply has led Government to give consideration to the possibilities of further grants-in-aid when that now promised is exhausted. This is a matter about which it would be premature to make too definite a statement at present, but there are two conditions

which are likely to make it impossible for Government to contribute large sums annually towards the building of primary schools in the city of Bombay. The first is the uncertainty of Provincial Finances. The second is that it is incumbent on Government to dispose of the amount they are able to set aside for building grants with a due regard for the equitable claims of the Presidency as a whole."

26. After discussion on the 17th August the further consideration of the reply was postponed to the 24th August when the Corporation resolved :—

"That letter to the President, No. 1216, Educational Department, dated 3rd July 1896, from Mr. Acting Secretary Logan be *recorded*.

No. 5340.

2. "That the Corporation tender their best thanks to Government for sanctioning a building grant to the Municipality of Rs. 50,000.

3. "That the Corporation feel at the same time bound to point out that they do not understand the reference in the said letter to the provisions of clause 2 (*c*) of section 120 of the Municipal Act of 1888, that the said section does not apply to building grants, and that Government themselves have recognised such principle in the building grant for the Bhuleshwar School.

4. "That, with reference to the contemplated school in Tank Street, the Corporation intend to appoint a committee to frame proposals for utilising the Building Fund for primary schools.

5. "That the Corporation regret that Government think that there are circumstances, which are likely to make it impossible for Government to contribute large sums annually towards the building of primary schools in Bombay.

6. "That the Corporation desire to point out that, previous to the passing of the Municipal Act, 1888, when there was no legal obligation on the Corporation for the maintenance of primary education and the care of primary education in the city of Bombay vested in Government, no building grants for the construction of primary schools were ever made, though such grants for primary schools were largely made for the rest of the Presidency.

7. "That the inability of Government to contribute a moiety of the cost equally with the Corporation will unfortunately result in defeating the object which both Government and the Corporation have at heart.

8. "That, under these circumstances, the Corporation request Government to inform them if, in case the Corporation raise a loan of, say, from 10 to 15 lakhs for building primary schools, Government will be pleased to undertake to contribute a moiety of the annual payment for interest and sinking fund."

27. While matters stood thus between the Corporation and Government, the Joint Schools Committee devoted themselves to the question of leasing school buildings for a long period and finally obtained on 15th September 1896, duly revised—

(*a*) Draft of Advertisement.

(*b*) Form of Application.

(*c*) Information for Landlords.

(*d*) Draft of Agreement for Lease.

All these papers were forwarded to the Corporation on the 19th October 1896.

28. As the Solicitors maintained that the Joint Schools Committee were not in a position to enter into leases, in the absence of a specific by-law empowering them to do so, the Committee requested "that they may be invested with the necessary authority by the Corporation in that behalf." On November 25th the Corporation referred the matter to the Standing Committee and the Commissioner for report. They in their turn referred it to the Municipal Solicitors who, on 20th March 1897, gave their opinion as follows:—

30, ESPLANADE ROAD,

BOMBAY, *20th March* 1897.

To

THE MUNICIPAL COMMISSIONER.

SIR,—We have the honour to state that we can see no objection to the Joint Schools Committee being invested by by-law under Sections 461 (*u*) and 39 (10) of the Municipal Act with the powers of the Corporation in regard to the leasing of premises for the accommodation of schools for primary education.

The administration of the School Fund being in the hands of the Joint Schools Committee, under Section 39 (7), that Committee would seem to be obviously a proper authority to decide what premises are required for the schools and on what terms they should be taken, and to take leases when those terms are arranged; nor did we for a moment intend, by our letter of the 16th January 1896, to suggest any doubt on this point.

We merely thought it necessary to point out that, unless and until the Joint Schools Committee are invested with the power by by-law, they are not competent to enter into such leases in their own name.

We have, &c.,

CRAWFORD, BURDER & CO.

29. The question came before the Standing Committee on the 31st March 1897, when that Committee passed the following resolution :—

Resolved: "That memorandum from the Commissioner to the Secretary, No. 28007 of the 25th instant, and letter from the Municipal Solicitors forwarded therewith, be submitted to the Corporation with reference to their Resolution No. 8269 of 16th December last, and with the recommendation that the Joint Schools Committee be invested by by-law with powers of the Corporation in regard to the leasing of premises for the accommodation of schools for primary education."

No. 14704.

30. In order to bring the history of the question up to date, it may be added that the subject came up before the Corporation at their meeting held on the 13th May 1897, when the following proposal was made, but on the motion of the Chairman of the Joint Schools Committee it was referred back to the Standing Committee:—

"*By-law made by the Municipal Corporation of the City of Bombay under the authority of Section* 461, *Clause* (*a*), *of the City of Bombay Municipal Act*, 1888, *subject to the confirmation of Government under Section* 463 *of the same.*

"The Joint Schools Committee constituted under the provisions of Section 39 of the City of Bombay Act, 1888, are hereby invested with the powers and duties of suitably accommodating schools for primary education within the City of Bombay, and are empowered to enter into leases of premises to be occupied by such schools. Provided, however, that the said Committee shall not enter into any lease of a building for a period longer than one year without obtaining the previous sanction of the Corporation and provided also that no one lease shall be entered into, which involves an expenditure of Rs. 5,000 per annum or upwards without the previous sanction of the Standing Committee and that the total expenditure to be incurred in connection with any such leases shall not exceed the amount entered in the budget provision in any one year without such previous sanction as last aforesaid.

"When the authority to lease is received the Committee will forthwith proceed to advertise for tenders for the construction of suitable buildings on the conditions named in the form of lease attached, along with accompaniments, to this report."

The Harris School Building.

31. In September last the Honorary Secretaries of the Lord Harris Memorial Fund Committee addressed a letter to the Joint Schools Committee, stating that it had been agreed to set apart a sum of Rs. 35,000 from the Memorial Fund for the erection of a building to be named after Lord Harris, and to be used for the purpose of primary education ; adding that Government had promised a grant equal to the

Memorial Committee's contribution, and inquiring if the Joint Schools Committee would accept the building, when completed. The Committee forwarded the letter to the Corporation with a recommendation that the offer be accepted. The Corporation have agreed to accept the gift, on condition that certain minor alterations in the proposed building are carried out by the Memorial Fund Committee.

Temporary Measures—Change of Premises.

32. Pending the settlement of the question of building and leasing houses the following schools were removed to better quarters as a temporary measure :—

Byculla Boys' Marathi,
Walkeshwar Boys' Marathi,
Nagpada do. do.
Musjid Bunder Boys' Gujerati,
Mahim Boys' Gujerati,
Jairajbhoy Pirbhoy Girls' Gujerati,

While Increased accommodation was sanctioned for the following schools :—

Chandanwadi	Marathi	Boys'.
Upper Mahim	do.	do.
Chandanwadi	Gujerati	do.
Charni Road	do.	Girls'.
Nal Bazaar	do.	Boys'.
Imamwada	Urdoo	do.
Kamathipura	do.	do.
Nagpada	do.	Girls'.

Centralisation of Schools.

33. The Committee are gradually working up the idea of centralising their schools. The building over the Bhuleshwar Market and the proposed Harris School, as already indicated, would centralise some six of the schools. In the leasing of houses, moreover, this will form an important feature, as the Committee feel that by this means their administration can be materially improved, and the number of Head Masters reduced, thus enabling the Committee to give higher salaries to better educated and industrious teachers.

Furniture and Apparatus.

34. On the completion of the building over the Bhuleshwar Market, the question of furniture and apparatus will be taken up. It is proposed to have standard forms of benches &c., so that gradually, as suitable and spacious buildings are available, the paucity and unsuitability of furniture may disappear.

Fees.

35. The uniformity introduced last year in the scale of fees has been found to work well.

Midday Recess.

36. The midday recess was extended from half an hour to an hour. The actual working hours have thus been reduced from 5½ to 5, which, in the opinion of the Committee, are ample for the children who attend their schools. It is further proposed to curtail, in course of time, the 5 hours to 4½ for the infant classes.

Physical Education.

37. With the increased accommodation expected from the gradual building and leasing of special houses, the subject of physical education will be more and more within the range of practical accomplishment.

Teachers.

38. The rules referred to in paras. 26—29 of the last Annual Report were forwarded to the Corporation during the year, and having met with the approval of that body were sent on to Government for sanction. Mr. E. Giles, who acted for Mr. Chatfield as Director of Public Instruction during the latter's absence on leave, was good enough to come to Bombay, in order to discuss the rules at a personal conference with the Committee. On Mr. Chatfield's return to office the rules formed the subject of further discussion with him, and the result of the deliberations was a special report on the subject, forwarded by the Committee to Government, and attached to this Report as an appendix. It may be stated that it has received strong support from Mr. Chatfield, the Director, and it is believed that its acceptance by Government would be a step in the advancement of primary education in Bombay. The principal features of the special report are :—A minimum salary of Rs. 15 per month for the teachers and the establishment, in Bombay, of training classes for female teachers and the teachers of Urdoo and Gujerati schools.

Teaching English Classes.

39. Government having expressed the desirability of excluding English classes from primary schools, the Committee have made a beginning by abolishing those classes in the Buddhivardhak, the Mumbadevi, and the Girgaum schools from the 1st April last, thus encouraging the opening of Anglo-Vernacular schools in the localities served by them.

Standards and Text Books.

40. The discussion of this subject in the Educational Conferences to which reference has already been made has confirmed the Committee in their opinion that a revision of the Standards and Text-Books is desirable. The reports of their Inspectors are already before the Committee and they await with interest the report of the Director of Public Instruction on the work of the conferences, which it is hoped will indicate the views of Government on the subject.

Infant Classes.

41. The Committee have under consideration the important question of the improvement of teaching in the infant classes.

Work of Teachers.

42. The work of the Teachers was reported to be satisfactory on the whole. It is expected that further improvement will be visible after the new rules have been in force for sometime and the training classes proposed to be opened in Bombay have been established.

Inspectors and Assistant Inspectors.

43. Messrs. Taki and Madon, the Inspectors for the Marathi and Gujerati Schools, continued to work during the year with unabated energy and zeal, but as pointed out in the last report their work and responsibilities have been annually increasing and energetic and hard working though they are, they cannot successfully cope with the ever-increasing work entrusted to them, single-handed. The Committee have, therefore, decided to appoint, at no distant date, two Assistant Inspectors, one under each of these two gentlemen.

44. It was suggested at the Educational Conferences, that Inspection might be substituted for Examination with advantage. The Committee have Inspection and Examination of aided schools in alternate years, and it is not certain, whether the abandonment of Examinations under present circumstances would be timely. But even if that were done, the necessity for Assistant Inspectors would not be any the less; on the contrary, it may become more urgent, for Inspection to be thorough must be frequent, and as a matter of fact, the Inspectors have no time to spare.

Retirement.

45. Mr. Ganesh Daji Gadre, Head Master of the Girgaum School, retired in October last, having put in a service of over 30 years. He was an able and experienced teacher.

Death.

46. Fifteen teachers died during the year, of whom 10 died of the plague. Three of these were Head Masters. Mr. Nabhulal, Head Master, Mahim Gujerati School, Mr. Namdev B. Vaishampayan, Head Master, Varli Marathi School and Mr. Parashram V. Dev, Head Master, Chinchpoogli Marathi School. Mr. Nabhulal was one of the two teachers on the Gujerati side with the 3rd year certificate from the Training College and had a bright future before him. Another teacher whose death is considered as a loss to the department was Bai Kanize Murtuza, Head Mistress of the Nagpada Urdu School for Girls. She was an intelligent lady under whom the school was doing very well.

School Statistics.

47. Owing to the plague it is not possible to give figures for the month of March. The attendance for the year has, therefore, been taken at the figures for December 1896.

(*a*)—Classification of schools.

Class of Schools.	1895-96.				1896-97.			
	Marathi.	Gujerati.	Urdoo.	Total.	Marathi.	Gujerati.	Urdoo	Total.
Middle Schools.. ...	4	4	...	8	4	4	...	8
Primary for Boys...	27	12	4	43	27	13	9	49
Primary for Girls...	6	7	...	13	7	7	1	15
Night Schools	.....	4	...	4	1	5	...	6
Total...	37	27	4	68	39	29	10	78

(*b*)—Number of schools and scholars.

Class of Schools.	Number of Schools in 1895-96.	Number of Schools in 1896-97.	Pupils in 1895-96.	Pupils in 1896-97.
Municipal	68	77	7,314	6,273
Aided	89	95	8,019	6,877
Unaided	280	... ..	18,174	.....
Total ...	437	172	33,507	13,150

(*c*)—Classification according to sex.

Schools.	1895-96.		1896-97.	
	Boys.	Girls.	Boys.	Girls.
Municipal...	6,155	1,159	5,109	1,164
Aided	5,384	2,635	4,043	2,834
Total ...	11,539	3,794	9,152	3,998

(*d*)—Classification according to race.

Races.	1895-96.—Schools.			1896-97.—Schools.		
	Municipal.	Aided.	Total.	Municipal.	Aided.	Total.
European & Eurasians ..	.....	1	1	.....	.....	.....
Hindus	5,941	4,717	10,658	4,894	3,917	8,811
Mahomedans	830	563	1,393	933	322	1,255
Parsis	345	2,096	2,441	288	1,996	2,284
Portuguese and Native Christians	68	239	307	58	228	286
Jews	50	365	415	29	397	426
Aborigines	80	9	89	68	6	74
Others	.....	29	29	3	11	14
Total ...	7,314	8,019	15,333	6,273	6,877	13,150

Conclusion—the Secretary.

48. Before concluding the Committee desire to express their appreciation of the ability, intelligence and zeal with which the Secretary continued to discharge the onerous duties of his office as the Executive Officer of the Committee.

NOWROSJI N. WADIA,

Chairman, Joint Schools Committee.

Appendix A.

Special Report on Primary Education.

The question of encouraging and advancing primary education in Bombay, of improving the condition of Bombay primary schools by appointing teachers of higher education and culture, and also of improving the status of teachers employed in the schools, has for some-time past been under the consideration of the Joint Schools Committee. Difficulties have been experienced in finding suitable teachers for the Urdoo schools and female teachers for girls' schools, and as under the existing Code teachers not possessing Training College Certificates (whatever may be their qualifications) are not eligible for appointments to pensionable posts, or posts carrying pensionable salary, the field for selection is limited. The Committee are, therefore, precluded from appointing to permanent posts teachers who, though otherwise suitable and qualified, do not hold Training College Certificates. For this reason the Committee have had to make in the past several *sub pro tem* appointments. Again, for similar reasons, the Committee feel unable to appoint graduates and other University men to teacherships in primary schools. It is the desire of the Committee that in course of time the head masters and, if practicable, the first assistants in first class primary schools should be University men. This object could, however, only be attained if the salary of these appointments is such as to induce a superior class of persons to accept service under the Committee.

2. With a view to meet, to a certain extent, the difficulties experienced by the Committee, they framed for the Bombay primary schools a Code in which, while following the provisions of the Departmental Code, liberty was reserved to the Committee to employ suitable and qualified teachers, though not possessing Training College Certificates, for Urdoo schools and girls' schools and also to employ University men. Power was also taken to pay certain allowances, in addition to salary, the object in view being to improve the status of the teachers. This Code was submitted to the Director, and certain differences have arisen between the Department and the Committee.

3. The Committee have since then carefully reconsidered the matter and have embodied their views and proposals in this special report. The Committee are of opinion that, having regard to the population, the importance, and, in certain respects, the peculiar requirements of the City of Bombay, it should, in matters of primary education, be regarded as a district in itself, and be treated differently from the Presidency generally. Exemption from the provisions of the present Code is, therefore, necessary. The scale of salary should be fixed, bearing in mind the expensive living in Bombay, and also the fact that it is desired to secure a better class of persons. At the same time, the Committee recognize that some test should be adopted, whereby the qualifications of teachers employed by them may be determined so as to afford a guarantee that the persons selected are suitable and qualified.

4. The Committee propose that they should be allowed to establish properly equipped Training Classes of their own, where teachers, who are found to be otherwise well qualified for their work, may receive instruction, among other things, in the methods of teaching; that periodical examinations be held by a small Committee of Educational Officers and local gentlemen having educational experience; that certificates of qualification be issued by the Committee to such of the teachers as satisfy the examiners, according to their respective merits; that such certificates should be recognized as certificates issued by the Training Colleges of this Presidency, qualifying the holders thereof for appointments to pensionable posts under the Committee; and that there should be three separate Training classes for (*a*) Mahomedan teachers for Urdoo schools, (*b*) female teachers for girls' schools, and (*c*) University men.

5. The Committee will begin by opening a Training class for Urdoo teachers first, and the other classes will be established in due course. The Committee are of opinion that if a wider field of selection were permitted to them with regard to the employment of these three kinds of teachers, they will be able to secure a superior class of persons, better adapted to the peculiar requirements of Bombay, and the interests of education will thereby be promoted. The Committee have been doing their best to encourage primary education in general, and have taken up earnestly the question of primary education amongst the Musalmans. Whereas there were only 2 Urdoo Schools when the Department was transferred to the Municipality, there are 10 Urdoo Schools at present, and provision has been made in the next Budget for opening 4 more schools.

6. The circumstances of Bombay, with regard to Urdoo education, are peculiar. The teachers who are selected for employment in these schools, although they do not hold any Training College Certificate, are men who, in several cases, have received their education in Upper India, and who are very well up in Urdoo and Persian literature. They also possess a fair knowledge of history, geography and mathematics. It would, however, add to their usefulness, if they were given instruction for some time in the methods of teaching. At the Training Colleges in this Presidency, Urdoo is taught merely as a second language, and the vernacular of the district, be it Marathi, Gujerati or Sindhi, forms the medium of instruction, the little Urdoo that is taught holding quite a subordinate place in the curriculum. The result is that a trained Urdoo teacher possesses a better knowledge of the language of the district than of Urdoo, unless he has studied Urdoo literature outside the College. A knowlege of high class Urdoo is essential for Bombay Schools, which have to compete with the indigenous Rote Schools. Whatever the imperfections of these Rote Schools, they are conducted by Moulvies who are well read Persian and Urdoo scholars. The Committee are of opinion that for the City of Bombay the first qualification of an Urdoo teacher is his knowledge of high class Urdoo, and if the primary schools are to be

a success, the teachers must be men who can command respect with the masses by their knowledge of Urdoo and Persian literature, and who can hold their own against the Moulvies. In the mofussil the case is different. The Committee understand that what are there called Urdoo schools are, generally speaking, merely Urdoo classes attached to Vernacular schools and Urdoo is taught as a second language.

7. The Committee are of opinion that if a Training Class on similar lines were opened for carefully selected female teachers, the result would be a decided advantage to the cause of female education.

8. As for the University men whom it is proposed to employ, the idea of going to the regular Training Colleges for studying again the Vernacular course does not seem to find favour with them. The Committee think that a course of instruction for a year in the practical part of teaching in the proposed Training Class, as also instruction in vernacular where necessary, should be sufficient to rank them as trained teachers, provided they satisfy the examiners at the end of that period, and a certificate of qualification is issued to them. For such of them as may not attend the class, three years' service as teachers under the Joint Schools Committee may be taken as entitling them to appear at the examination without attendance at the Training Class. All untrained teachers will be employed as *sub pro tem*, until they fulfill the conditions above specified for their qualification, and their service will count for pension from the date of their obtaining the qualifying certificate. The establishment of these classes will entail much additional expenditure, towards which the Committee trust the Government will be pleased to make a suitable contribution.

9. The present scale of salaries will require alteration, if a superior class of persons is to be induced to accept service. The Committee are of opinion that the maximum salaries should be fixed as under:—

	Rs.
University Graduates	100
University men who are not Graduates, and trained vernacular teachers possessing the 3rd year Certificate ...	75
Vernacular Teachers possessing the 2nd year Certificate...	55
Vernacular Teachers possessing the 1st year Certificate...	35

10. There are at present a number of uncertificated non-pensionable teachers of long standing in the service of the Committee, who, under the existing rules, cannot get more than Rs. 10 per mensem, and who are not eligible for pension. They are unable to obtain the benefit of chapter VIII, Rule 8, of the Vernacular Masters' Code, until their

service extends to 20 years. Their lot is a hard one and the Committee propose to give them increases as under :—

Untrained teachers in receipt of Rs. 10 shall receive (if the Committee think fit) a service allowance of—

Re. 1	per month on completing		5	years' service,
Rs. 2	Do.	do.	10	do.
Rs. 3	Do.	do.	15	do.
Rs. 5	Do.	do.	20	do.

in addition to the pay of the post, such allowance not to count for pension.

11. The Committee would also raise the minimum for permanent posts from Rs. 10 to Rs. 15. To avoid any misapprehension, the Committee beg to state distinctly that it will be their constant endeavour to employ none but trained teachers, so far as suitable persons are available. But until these uncertificated teachers retire, relief must be given to them in the direction indicated above.

12. Whatever be the scale of salaries that may be adopted, the Committee desire that, as a safeguard against the possibility of any misunderstanding in future, and to avoid claims for promotion being put forward as a matter of right, it will be provided that no teacher can claim promotion at any time.

13. With regard to the payment of Grant-in-aid, the Committee, on further consideration, have arrived at the conclusion that they will be prepared to adopt the new rate at the commencement of the next quinquennial contract.

14. The Committee hope the proposals made in this report will meet with the approval of Government. It is also hoped that Government will be pleased to make a suitable contribution to the Training Classes, as soon as they are opened, and that they will also be pleased to make a suitable increase in the contribution to the School Fund, when the next contract is settled.

THE JOINT SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, 16*th March* 1897.

Appendix B.

STATEMENT of Actual Income and Expenditure of the School Fund for the year 1896-97.

No.	Receipts.	Amount. Rs. a. p.	No.	Expenditure.	Amount. Rs. a. p.
				A.—SCHOOLS.	
1	Balance on the 1st of April 1896	56,795 6 10	1	Head Masters and Teachers	*62,197 3 2
2	Government Grant to Primary Education and Inspection.	42,666 0 0	2	Servants	1,547 5 6
3	Fees from Municipal Schools	17,111 0 6	3	Rent	25,934 3 7
4	Contribution from the General Municipal Fund	59,135 0 0	4	Cost of Class Books	256 0 6
5	Government Grants-in-aid towards Buildings	.....	5	School Furniture	3,610 9 6
6	Interest on Endowments or Investments	523 11 0	6	Prizes	684 14 6
7	Miscellaneous	.....	7	Contingencies and Miscellaneous	2,621 7 3
			8	Scholarships in Schools...	306 0 0
			9	Stipends of Students under training as Vernacular Teachers	1,228 7 7
			10	Inspectors' Establishment	8,308 1 0
			11	Grants-in-aid to Primary Schools	20,980 8 0
				B.—BUILDINGS.	
			1	Municipal Original Works	.....
			2	Repairs to Municipal School Houses...	56 14 8
				Balance on 31st March 1897	48,499 7 1
	Total Rupees ...	1,76,231 2 4		Total Rupees ...	1,76,231 2 4

* Include Rs. 679-13-7 spent on account of grain compensation allowance.

THE JOINT SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, *25th June*, 1897.

NANABHAI B. MASANI,
Secretary, Joint Schools Committee.

Appendix C.

BALANCE SHEET of the School Fund for the year 1896-97.

LIABILITIES.			Rs. a. p.	ASSETS.			Rs. a. p.
To Deposit Account			395 14 6	By Advance Account			133 3 9
„ Hurkisondas Brijlal Prize Fund—				„ Bank of Bombay Government Paper, Municipal Debentures, &c., Deposit Account			1,500 0 0
Principal	Rs.	500 0 0		„ Actual Cash Balance on 31st March 1897—			
Interest	„	5 2 0		In Bank of Bombay	Rs.	48,451 11 11	
			505 2 0	In Office Treasury	„	352 8 0	
„ Dr. Blaney Prize Fund—							48,804 3 11
Principal	Rs.	1,000 0 0					
Interest	„	36 15 4					
			1,036 15 4				
„ Income and Expenditure Account—							
Balance on 31st March 1897			48,499 7 1				
Rupees ...			50,437 6 11	Rupees ...			50,437 6 11

THE JOINT SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, 25*th June*, 1897.

NANABHAI B. MASANI,
Secretary, Joint Schools Committee.

Appendix D.

STATEMENT showing the Number of Scholars in Municipal Marathi Schools of Bombay in December 1896.

Number of Schools.	Names of Schools.	Attendance in December 1896.
	Second Grade A.-V. Schools (Boys').	
1	Dongri School	58
2	Girgaum do.	27
3	Kamathipura do.	47
4	Khetwadi do.	78
	Primary Schools (Boys').	
5	Amerchandwadi School	165
6	Byculla do.	104
7	Chandanwadi do.	98
8	Cheulwadi do.	140
9	Chinchpoogli do.	221
0	Colaba do.	78
1	Dongri do.	167
2	Gamdevi do.	141
3	Ghodapdeo do.	138
4	Girgaum do.	204
5	Kamathipura Nirashrit School	71
6	Kamathipura School	77
7	Khetwady do.	116
8	Lower Mahim do.	97
9	Mandvi do.	77
0	Matunga do.	94
1	Mazagon do.	59
2	Nagdevi do.	93
3	Nagpada do.	109
4	Parel do.	101
5	Seven Roads do.	40
6	Shivdi do.	37
7	Upper Mahim do.	129
8	Valkeshwar do.	65
9	Varli do.	80
0	Varli Koliwada do.	84
1	Vithalwadi do.	199
* 32	Valkeshwar Night School	.....
	Primary Schools (Girls').	
33	Amerchandwadi School	76
34	Byculla do.	46
35	Dongri do.	42
36	Kalbadevi do.	47
37	Kamathipura do.	86
38	Nagdevi do.	42
† 39	Varli do.	56
	Total	3,589

* New school opened by the Joint Schools Committee on 15th October 1896.

† Do. do. on 1st July 1896.

Appendix E.

STATEMENT showing the number of Scholars in Municipal Gujerati Schools of Bombay in December 1896.

No. of Schools.	Names of Schools.	Attendance in December 1896.
	Second Grade A.-V. Schools (Boys').	
1	Bhuleshwar School	41
2	Buddhivardhak do.	28
3	Mumbadevi do.	14
4	Nal Bazar do.	33
	Primary Schools (Boys').	
5	Bhuleshwar School	207
6	Buddhivardhak do.	147
*7	Byculla do.	25
8	Chandanwadi do.	73
9	Fort School, No. I	151
10	Do. No. II	76
11	Girgaum School	59
12	Kapad Bazar do.	203
13	Mahim do.	65
14	Mumbadevi do.	100
15	Masjid Bandar do.	25
16	Nal Bazar do.	148
17	Rangari Street do.	123
	Primary Schools (Girls').	
18	Bhuleshwar School	84
19	Charni Road do.	91
20	Jairajbhai Pirbhai do.	121
21	Kalbadevi do.	118
22	Masjid Bandar do.	18
23	Nal Bazar do.	69
24	Rangari Street do.	50
	Primary Night Schools (Boys').	
25	Chandanwadi School	15
†26	Musjid Bunder do.	12
27	Nul Bazar do.	12
28	Pydhoni do.	10
29	Rangari Street do.	18
	Total ...	2,138

* New School opened by the Joint Schools Committee on 1st September 1896.
† Do. do. do. on 1st April 1896.

Appendix F.

Statement showing the Number of Scholars in Municipal Urdoo Schools of Bombay on the 31st March 1897.

Number of Schools.	Names of Schools.	Attendance on Rolls on 31st March 1897.
	Primary Schools (Boys').	
a 1	Chhatri Sarang Street School	35
2	Colaba do.	31
b 3	Gawli Moholla do.	41
4	Imamwada do.	46
c 5	Jamli Moholla do.	29
d 6	Kamathipura do.	71
7	Madanpura do.	60
e 8	Mazagon do.	45
9	Nagpada do.	95
	Primary School (Girls').	
f 10	Nagpada School	93
	Total ...	546

a. New School opened by the Joint Schools Committee on 15th July 1896.
b. Do. do. do. on 1st November 1896.
c. Do. do. do. on 1st May 1896.
d. Do. do. do. on 1st May 1896.
e. Do. do. do. on 1st December 1896.
f. Do. do. do. on 1st May 1896.

Appendix G.

Examination Results of Middle Schools (Marathi) for 1896-97.

Class of Schools.	Number of separate schools examined.	Average attendance of schools examined.	Number of pupils examined.	NUMBER OF PUPILS PASSED.																			
				Standard I.						Standard II.						Standard III.						Standard IV.					
				Number of pupils presented.	Arithmetic.	Vernacular.	History and Geography.	English.	Needle-work.	Number of pupils presented.	Arithmetic.	Vernacular.	History and Geography.	English.	Needle-work.	Number of pupils presented.	Arithmetic.	Vernacular.	History and Geography.	English.	Needle-work.	Number of pupils presented.	Arithmetic.	Vernacular.	History and Geography.	English.	Needle-work.
Municipal	4	235	198	93	70	76	51	64	...	72	53	60	42	41	...	33	28	29	22	17	...	...	...	...	...	...	...
Aided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	4	235	198	93	70	76	51	64	...	72	53	60	42	41	...	33	28	29	22	17	...	...	...	...	...	...	...
Total of the previous year	10	295	290	173	152	139	78	138	...	62	44	45	34	39	...	47	40	36	24	34	...	8	6	6	...	8	...

Appendix H.

Examination Results of Primary Schools (Marathi) for 1896-97.

CLASS OF SCHOOLS.	Number of separate schools examined.	Average attendance of schools examined.	Number of pupils examined.	NUMBER OF PUPILS PASSED.																																	
				STANDARD I.					STANDARD II.						STANDARD III.						STANDARD IV.						STANDARD V.						STANDARD VI.					
				Number of pupils presented.	Arithmetic.	Reading.	Writing.	Needle-work.	Number of pupils presented.	Arithmetic.	Reading.	Writing.	Geography.	Needle-work.	Number of pupils presented.	Arithmetic.	Reading.	Writing.	History and Geography.	Needle-work.	Number of pupils presented.	Arithmetic.	Reading.	Writing.	History & Geography.	Needle-work.	Number of pupils presented.	Arithmetic.	Reading.	Writing.	History & Geography.	Needle-work.	Number of pupils presented.	Arithmetic.	Reading.	Writing.	History & Geography.	Needle-work.	Sanitary primer.
1—BOYS—																																					
Municipal ..	6	935	968	153	135	145	131	..	180	144	142	147	150	..	183	151	140	151	143	..	184	155	129	162	127	..	32	28	26	28	25	..	10	4	4	4	4	4
Aided ..	26	1,840	1,888	349	250	257	247	3	317	204	158	166	224	5	262	146	134	148	130	6	220	124	89	116	80	7	92	37	21	40	29	..	..	..	..	..	..	..
Total.. ..	32	2,795	2,856	502	385	402	378	3	497	348	300	313	374	5	445	297	274	299	273	6	404	279	218	278	207	7	124	65	47	68	54	..	10	4	4	4	4	4
Total of the previous year ..	70	5,368	5,728	1,046	801	830	857	7	1,014	724	721	691	788	11	903	645	597	615	591	2	749	548	470	543	443	3	177	111	99	120	91	..	12	2	2	2	2	2
2.—GIRLS—																																					
Municipal ..	4	230	274	57	43	49	50	..	46	33	38	40	..	44	25	21	21	20	22	25	16	14	14	14	13	16	5	4	4	5	4	5	..	..	..	..	..	..
Aided ..	11	734	904	188	126	133	128	116	128	90	101	85	..	86	108	85	76	66	80	76	71	47	41	47	41	45	33	23	16	24	16	22	5	1	2	3	3	3
Total.. ..	15	964	1,178	245	169	182	178	116	174	123	139	125	..	130	133	106	97	86	102	101	87	61	55	61	54	61	38	27	20	29	20	27	5	1	2	3	3	3
Total of the previous year ..	19	1,182	1,447	290	212	210	210	129	222	161	169	145	..	173	193	155	136	122	161	156	131	84	93	90	91	105	39	23	22	30	16	26	8	5	5	5	5	5
Grand Total ..	47	3,759	4,034	747	554	584	556	119	671	471	439	438	374	135	578	403	371	385	375	107	491	340	273	339	261	68	162	92	67	97	74	27	15	5	6	7	7	3
Grand Total of the previous year ..	89	6,550	7,175	1,236	1013	1040	1067	136	1,236	855	890	836	788	184	1,096	800	733	737	752	158	880	632	563	633	534	108	216	134	121	150	107	26	20	7	7	7	7	5

Appendix

Examination Results of Middle

CLASS OF SCHOOLS.	No. of separate schools examined.	Average attendance of schools examined.	No. of pupils examined.
Municipal Schools	4	106	105
Unaided do.	2	83	99
Total	6	189	204
Total of the previous year	6	264	266

I.

Schools (Gujerati) for 1896-97.

NUMBER OF PUPILS PASSED.

STANDARD I.						STANDARD II.						STANDARD III.					
Number presented.	1st Head.	2nd Head.	3rd Head.	4th Head.	Passed in all Heads.	Number presented.	1st Head.	2nd Head.	3rd Head.	4th Head.	Passed in all Heads.	Number presented.	1st Head.	2nd Head.	3rd Head.	4th Head.	Passed in all Heads.
94	62	71	52	75	49	11	6	11	5	8	5	...	...	...	...	...	...
32	19	25	17	30	13	32	21	25	23	26	17	35	15	31	12	6	
126	81	96	69	105	62	43	27	36	28	34	22	35	15	31	12	26	9
191	102	118	94	130	59	55	35	41	25	45	17	20	17	18	10	20	9

Appendix

Examination Results of Primary

CLASS OF SCHOOLS.	Number of separate schools examined.	Average attendance of schools examined.	Number of pupils examined.	NUMBER OF												
				STANDARD I.						STANDARD II.						
				Number presented.	Arithmetic.	Reading.	Writing.	Needle-work.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	Geography.	Needle-work.	Passed in all heads.
1.—BOYS—																
DAY SCHOOLS—																
Municipal	4	646	720	86	80	85	79	..	75	219	142	158	144	164	..	111
Aided	13	1,427	1,637	297	209	232	216	25	147	460	294	314	328	294	87	197
Unaided	2	167	253	30	19	24	20	..	18	58	87	53	38	46	..	26
Total ..	19	2,240	2,610	413	308	341	315	25	240	737	473	525	510	504	87	334
Total of the previous year ..	30	3,465	3,619	588	452	483	465	36	356	1044	721	668	786	689	37	409
NIGHT SCHOOLS—																
Municipal	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..
TOTAL OF DAY AND NIGHT SCHOOLS	19	2,240	2,610	413	308	341	315	25	240	737	473	525	510	504	87	334
Total of Day and Night Schools of the previous year..	34	3,543	3,686	588	452	483	465	36	356	1044	721	668	786	689	37	409
2.—GIRLS—																
Municipal	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	...
Aided	6	634	605	127	96	110	104	69	90	137	109	110	114	107	91	89
Total.. ..	6	634	605	127	96	110	104	69	90	137	109	110	114	107	91	89
Total of the previous year..	18	1,480	1,631	320	274	284	274	108	234	309	210	256	264	231	240	167
Grand Total.. ..	25	2,874	3,215	540	404	451	419	94	330	874	582	635	624	611	128	423
Grand Total of the previous year..	52	5,023	5,317	908	726	767	739	144	590	1353	931	924	1050	920	277	576

J.

Schools (Gujerati) for 1896-97.

PUPILS PASSED.

STANDARD III.							STANDARD IV.							STANDARD V.							STANDARD VI.						
Number presented.	Arithmetic.	Reading.	Writing.	History and Geography.	Needle-work.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	History and Geography.	Needle-work.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	History and Geography.	Needle-work.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	History and Geography.	Needle-work.	Passed in all heads.
189	143	134	165	124	..	93	113	65	92	104	67	..	56	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	164	193	202	119	24	93	191	113	133	158	104	14	77	56	5	26	20	19	9	4	..	..	..	..	..	..	..
39	33	36	33	33	..	30	38	25	34	32	28	..	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..
480	340	363	400	276	24	216	342	203	259	294	199	14	151	56	5	26	20	19	9	4	..	..	..	..	..	..	..
671	484	508	541	419	24	311	519	313	364	440	310	14	231	56	5	26	20	19	9	4	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
480	340	363	400	276	24	216	342	203	259	294	199	14	151	56	5	26	20	19	9	4	..	..	..	..	..	..	..
671	484	508	541	419	24	311	519	313	364	440	310	14	231	56	5	26	20	19	9	4	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
115	73	91	94	80	80	59	54	51	54	52	54	54	49	21	6	16	20	16	19	6	4	..	4	2	1	2	..
115	73	91	94	80	80	59	54	51	54	52	54	54	49	21	6	16	20	16	19	6	4	..	4	2	1	2	..
219	180	190	200	192	178	150	156	99	137	138	108	139	71	66	32	53	46	44	52	24	26	20	22	21	11	22	10
595	413	454	494	556	104	275	396	254	393	346	253	63	200	77	11	42	40	35	28	10	4	..	4	2	1	2	..
890	664	698	741	611	202	461	675	412	591	578	418	153	302	122	37	79	66	63	61	28	36	20	22	21	11	2	10

Appendix K.

Examination Results of Primary Schools (Urdoo) for 1896-97.

Class of Schools.	Number of separate schools examined.	Average attendance of schools examined.	Number of pupils examined.	NUMBER OF PUPILS PASSED.																							
				Standard I.					Standard II.						Standard III.						Standard IV.						Standard V.					
				Number presented.	Arithmetic.	Reading.	Writing.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	Geography.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	History & Geography.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	History & Geography.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	History & Geography.	Passed in all heads.
Boys.																														
Day Schools.																														
Municipal	10	568	448	60	22	27	33	20	28	16	20	17	5	5	13	8	11	11	3	3	7	3	7	7	3	1	7	5	1	6	2	..
Total ..	10	568	448	60	22	27	33	20	28	16	20	17	5	5	13	8	11	11	3	3	7	3	7	7	3	1	7	5	1	6	2	..
Total of the previous year ..	4	266	361	55	37	39	43	34	37	16	29	31	16	10	22	9	15	19	4	4	11	4	9	9	8	3	7	3	6	7	5	2

Appendix L.

FORM OF APPLICATION.

To

THE JOINT SCHOOLS COMMITTEE.

SIRS,

In terms of the Advertisement, $\frac{I}{we}$ have the honor to submit the accompanying proposals for—

(*a.*) Erecting_____buildings in conformity with the requirements of the Joint Schools Committee for use as Municipal Primary Schools in_____ward;

$\frac{and}{or}$

(*b.*) Altering_____buildings in conformity with the requirements of the Joint Schools Committee for use as Municipal Primary Schools in_____ward;

and for granting a lease of such buildings for the period and on the conditions set forth in the Information for Landlords and in the Draft Agreement for Lease.

$\frac{I}{We}$ have the honor to be,
Gentlemen,
Your most obedient Servant,

Name_____

Address_____

Date_____

Enclosures: Plans_____.

Form of Particulars_____

Proposals for

BUILDING OR ALTERING EXISTING BUILDINGS.

It is essential that every proposal should embrace all of the following requirements :—

(*a.*) *Class Room.*—The size of every class room to be not less than 350 sq. ft. and not more than 450 sq. ft. in area.

Exception.—One of the Class Rooms to be approximately 1,200 sq. ft. in area, and to be divided by a wooden partition so as to form either a central hall or two class rooms as occasion may require.

N.B.—No room which is used as a passage to another room or rooms or to a landing, or which is not lighted from more than one side, shall be classed as a class room.

(*b.*) *Walls.*—All walls up to a height of 3 ft. to be painted in oil colors, the remainder of the walls may be in color wash.

(*c.*) *Doors.*—All doors to open outwards.

(*d.*) *Windows.*—The height of windows to be not less than 3 ft. from the floor, and the tops of the same to reach as near as possible to the ceiling.

(*e.*) *Staircases.*—Neither triangular nor winding staircases to be allowed, their flights to be short and the landings to be unbroken by steps, each step to be 13 in. broad and not more than 6 in. high.

(*f.*) *W. Cs.*—For every 50 children there shall be one W. C.; each closet to be separate, fully lighted and ventilated, and detached from the main building; each floor to have its own W. Cs.

(*g.*) *Drinking Water Room.*—Each floor to have one room to be used as a room for drinking water.

N.B.—Terraces.—Houses with terraces, in lieu of roofs, surrounded by parapet walls 4 ft. high will be preferred to those without such terraces, as such terraces can be used as play grounds.

GENERAL.

The building to be in a thoroughly safe condition, and constructed of such materials and workmanship as would be accepted by the Engineering authorities of the Bombay Municipality, and the decision of such authorities shall be final in case of any dispute.

Plans and Statements.

Offers to be accompanied by—

(*a.*) A block plan of the site indicating the position of the proposed new or altered building and its surroundings.

(*b.*) A plan of each floor showing how the rooms are situated, entered, lighted and ventilated, the length and breadth of the same, the sizes of doors and windows, the number and position of W. Cs. and of the drinking water room.

(*c.*) Four elevations and a section showing the height of floors, windows and doors, and how ventilation is provided for.

All drawings to be made on tracing cloth and drawn to a scale of 8 ft. to one inch; all dimensions to be figured distinctly thereon.

(*d.*) A statement as per accompanying form:—

Form.

The Dimensions of the Class Rooms.

No. of Room.	L. B.	Area.	Doors L. B. H.	Windows. L. B. H.	Total Area of Openings.	Direction of Light.	Remarks.
1							
2							
3							
4							
5							
&c.							

The Dimensions of the other Rooms.

Room.	L. B.	Area.	Doors L. B. H.	Windows L. B. H.	Total Area of Openings.	Direction of Light.	Remarks.
Masters'							
Water							
Stores							
&c., &c.							

There will be_____W. Cs. on each floor.

The floor will be paved with_____

Play ground (if any) available and its size_____

Rent required per month_____ £

(Name in full)_____

(Address in full)_____

Information for

Loca-

1. The localities where School-

Ward.	Name of School and Locality.	
		Kalbadevi Road.
C.	Buddhivardhak School ... (G)	The locality for the building to be somewhere between the corner of Dadysheth Agiary Lane and Hanuman Lane.
	Vithalwadi Boys' „ ...(M)	
	„ Girls' „ ...(M)	
	Kalbadevi „ „ ... (G)	
D.	Girgaum School .. ...(M)	Between Portuguese Church, Girgaum, and Kandewadi.
	„ „ ... ... (G)	
C. & D.	Cheulwadi School ... ...(M)	Between Thakordwar Street and Nana Shanker Shett's House.
	Charni Road Girls' School ... (G)	
B.	Dongri Boys' School ...(M)	Dongri near Jail.
	„ Girls' „ ...(M)	
B.	Nagdevi Boys' School ...(M)	Nagdevi Street.
	„ Girls' „ ...(M)	
	Rangari Street Boys' School... (G)	
	„ „ Girls' „ ... (G)	
C.	Kapad Bazar School ... (G)	Near Mulji Jetha's Cloth Market.

Landlords.

lities.

houses are required are—

No. of Class Rooms.	Remarks.
8 7 9 4 **28**	1 teachers'-room for males and another for females. 1 water-room on each floor, there being separate water-rooms for boys and girls. 2 store-rooms.
10 4 **14**	1 water-room and 1 teachers'-room and another for females. 1 store-room.
6 4 **10**	Separate water-rooms for boys' and girls' schools. 1 teachers'-room for males and another for females.
9 3 **12**	Separate water-rooms for boys' and girls' schools. 1 teachers'-room for males and another for females. 1 store-room.
6 3 8 3 **20**	A separate water-room for each of the schools. 2 teachers'-rooms, one for males and another for females. 2 store-rooms.
11 **11**	1 water-room and 1 teachers'-room. 1 store-room.

Memorandum of Agreement made this day of 189 . BETWEEN of of the one part and The Joint Schools Committee of the Municipal Corporation of the City of Bombay of the other part. WHEREAS the said Joint Schools Committee are desirous of providing suitable accommodation for the Municipal Primary Schools in the said City of Bombay AND WHEREAS the said has agreed to execute the contract hereinafter contained and to grant a lease of the premises hereinafter mentioned to the Joint Schools Committee for the purposes aforesaid.

NOW IT IS HEREBY AGREED AND DECLARED between the parties hereto as follows :—

1. The said (hereinafter called the Lessor) shall for the considerations hereinafter mentioned at his own proper costs & charges, & in a good substantial and workmanlike manner, and with fit and proper materials.

{ Erect a new building,
{ Alter the building now standing,

on the piece or parcel of land situate at

and more particularly described in the first schedule hereunder written.

2. Such building shall be altered / erected and built in the manner and within the time hereinafter limited and expressed and shall conform in all respects to the several conditions, descriptions and particulars specified and set forth in the second schedule hereunder written (and according to the plans, elevations and drawings signed by or on behalf of the parties hereto and deposited with the said Joint Schools Committee).

3. The Lessor shall commence the work of altering / erecting the said building on or before the day of and shall finally complete and finish the same so that the said building shall be in all respects fit and ready for use and occupation on the day of 189 .

4. In consideration of the monthly rent hereinafter agreed to be paid, the Lessor shall lease unto the said Joint Schools Committee, their successors and assigns the said piece or parcel of land described in the first schedule hereunder written, and the erections and buildings erected and built thereon, in accordance with the provisions of these presents, for the term of years commencing from the said day of 189 .

5. The said Joint Schools Committee shall pay to the Lessor the monthly rent of Rs. commencing from the said day of 189 , the rent for each month being payable during the course of the next succeeding month.

6. The said Joint Schools Committee, their successors or assigns shall pay to the Lessor, his heirs, executors, administrators or assigns the monthly rent hereinbefore reserved at the time and in manner aforesaid.

7. The Lessor, his heirs, executors, administrators or assigns shall, during the continuance of the term hereby agreed to be created,—

I. Pay all rates, taxes, charges, outgoings and assessments which now are, or at any time hereafter during the said term shall be, imposed upon the said premises or upon the owner or occupier in respect thereof.

II. At all times during the said term, keep the said premises and every part thereof in good and substantial repair and in particular in the months of , and in every year of the said term, whitewash and colour in a proper and workmanlike manner all such parts of the outside and inside of the said premises as have been previously or are usually whitewashed and coloured and also once in every two years of the said term and during either of the said months of or paint with two coats at least of good oil colour all the doors, window frames, dados and all other parts of the outside and inside of the said premises which are usually painted or ought to be painted.

III. Once in every year of the said term before the approach of the monsoon, in a proper and workmanlike manner, dammer the roof and gutters of the said premises and also turn all the tiles thereof.

IV. Keep the said premises and every part thereof in a sanitary condition to the satisfaction in all respects of the said Joint Schools Committee, and in particular repair, empty, cleanse and scour and keep properly repaired, emptied, and cleansed, and scoured all the cesspools, closets, drains, sewer pipes, sinks, gutters and waterpools in or belonging to the said premises.

V. Maintain and keep all the window sashes and weather frames upon or belonging to the said premises in such state and condition that, whether the same be open or shut, it shall not be possible for any rain to enter through such window sashes or weather frames into any of the rooms of the said premises.

8. The said Joint Schools Committee, their successors or assigns paying the rent hereinfore agreed to be paid shall and may peaceably and quietly enjoy the said premises during the said term without any lawful interruption from or by the Lessor, his heirs, executors, administrators or assigns or any person claiming from or under him or them.

9. If the Lessor, his heirs, executors, administrators or assigns shall, at any time after the commencement of the said term, neglect to make any repairs or to do any of the works which he or they is or are bound to make or to do upon the said premises in accordance with the provisions of these presents, within a reasonable time after notice in that behalf shall have been given to him or them by the said Joint Schools Committee, their successors or assigns, or if he or they should neglect to whitewash, colour or paint any part of the said premises during the course of any month in which he or they is or are bound to whitewash, colour or paint the same in accordance with the provisions of these presents, it shall be lawful for the said Joint Schools Committee, their successors or assigns to make such repairs and to do such works themselves and deduct from the rent hereby reserved the expenses of and incidental to such repairs and works together with interest on the amount of such expenses from the date of incurring the same after the rate of 10 per cent. per annum or otherwise to sue for and recover such expenses from the Lessor, his heirs, executors, administrators or assigns.

10. It is hereby finally agreed and declared and these presents, are upon the express condition that if the said premises hereby agreed to be leased are not completed by the said day of 189 conformably in all respects to the provisions of these presents and to entire satisfaction of the said Joint Schools Committee and the Engineering Department of the Municipality of Bombay, the tenancy hereby agreed to be created shall be void and of no effect without prejudice nevertheless to the rights of the said Joint Schools Committee, their successors or assigns against the Lessor, his heirs executors, administrators and assigns for breach of the provisions and conditions of this agreement.

IN WITNESS whereof the said parties to these presents have hereunto set their hands and seals the day and year first above written.

FIRST SCHEDULE.

Parcels.

SECOND SCHEDULE.

Particulars.

Dimensions of Class Rooms.
Dimensions of other Rooms.
Conditions.

ANNUAL REPORT

OF THE

MUNICIPAL AUDITORS,

1896-97.

To

H. W. BARROW, Esq.,

Municipal Secretary,

Bombay,

SIR,

In accordance with Section 137 of the Bombay Municipal Act, III of 1888, we have the honor to submit herewith our report on the whole of the Municipal Accounts for the year 1896-97 for submission to the Standing Committee.

We have the honor to be,

Sir,

Your obedient Servants,

NANABHAI RASTAMJI RANINA,

A. THOMSON,

Municipal Auditors.

BOMBAY, 13*th September* 1897.

REPORT OF THE AUDITORS OF THE MUNICIPAL ACCOUNTS FOR THE YEAR 1896-97.

For the audit of the accounts of the year under report, Messrs. N. R. Ranina and Adam Smith were appointed* Auditors by the Corporation at their ordinary monthly meeting held on the 5th March 1896. Mr. Smith having died on the 13th June 1896, the Corporation were pleased to appoint† Mr. Adam Thomson to the vacant appointment, the duties of which he assumed charge on the 9th July 1896.

2. As usual, all the vouchers and papers relating to the receipts and disbursements have been compared by us with the day books and subsidiary ledgers; the general ledger postings have also been checked with the entries in the day books, and those in the journal with the subsidiary and general ledgers.

3. The Bank receipts of investments of the different loans, of Municipal Buildings Fire Insurance, Worn-out Water Mains Renewal, School Building, and Premia, &c., Funds, also of Contractors' Securities in Government, Port Trust, and Municipal Bonds, deposited with the Bank, and the Bank's pass-books were examined by us and found correct and in order.

4. In compliance with the directions of the Corporation contained in their Resolution passed on the 19th November 1888, which was communicated to the Auditors, under the Municipal Secretary's letter No. 5374, dated 30th idem, all sinking fund investments pertaining to the year were examined, and we certify, that they have all been duly and properly made.

5. In addition to the concurrent audit, the weekly statements of receipts and disbursements of Municipal Funds were examined by us as they were prepared, and prior to their publication in the *Government Gazette*. In addition to the check exercised by us over these statements, we have continued to prepare and submit to the Secretary, for the purpose of being laid before the Corporation, monthly statements showing totals of receipts and disbursements, of each account head, as they stood in the subsidiary ledgers, at the end of the last week of each month, which totals were agreed with the aggregate total of each head of account given in the weekly statements of the month, as well as of the ledger.

6. It may be mentioned that the past year was noteworthy for the increase of auditorial duties, some idea of which will be gathered

* Resolution No. 14164. † Resolution No. 3606, dated 6th July 1896.

from the comparison of the account vouchers of that period with the numbers of the previous year :—

	1895-96. Nos.	1896-97. Nos.
Receipts	24,407	21,336
Disbursements	46,243	50,327
	70,650	71,663

7. The *total receipts* of Municipal revenue from all sources, including water tax and other miscellaneous Water Works revenue, and interest and profit on investments, amounted to

Rs. 62,08,977 11 2 in 1896-97,
against „ 67,61,710 4 5 in 1895-96,

being Rs. 5,52,732 9 3 less than the revenue of the previous year.

8. The *total disbursements* from Municipal Funds, including Water Works account, amounted to Rs. 70,04,742-9-11. Deducting therefrom Rs. 1,42,600-8-7, as per particulars given in the margin, the net total disbursements

	Rs.	a.	p.
Municipal Buildings Fire Insurance Fund.	3,000	0	0
Interest realized on do. ...	1,118	8	0
Worn-out Mains Renewal Fund ...	25,000	0	0
Interest realized on do. ...	12,957	1	6
Do. Net Premia, Fund ...	13,343	1	7
Net Premia received on the 1st instalment of 10 lacs of the 15¾ lacs Loan raised in 1896-97	87,181	13	6
School Building Fund	50,000	0	0
	1,42,600	8	7

amounted to... Rs. 68,62,142-1-4 in 1896-97
against ... „ 65,56,336-4-0 „ 1895-96

being ...Rs. 3,05,805-13-4 in excess of the disbursements of the previous year.

9. The *opening cash balance* on the 1st April 1896 stood at Rs. 37,72,317-14-7, which sum, *plus* the gross receipts of the year, gives Rs. 99,81,295-9-9 against the gross disbursements of Rs.70,04,742-9-11, thus leaving a credit balance of Rs.29,76,552-15-10 on the 31st March 1897, being Rs. 7,95,764-14-9 less than in the previous year.

10. *General Tax.*—(Budget estimate Rs. 19,09,000). The total receipts under this head, comprising House, Police, Lighting and Fire Brigade rates, and including the annual contribution from Government of Rs. 98,374, and from the Port Trust of Rs. 1,52,482 amounted to Rs. 18,54,966- 5-0 in 1896-97
against ... ... „ 18,77,437-12-7 in 1895-96

being ... ... Rs. 22,471- 7-7 less than the receipts of the previous year.

11. *Wheel Tax and Tolls.*—(Budget estimate Rs. 3,60,000). The net realizations under this head amounted
to ... Rs. 2,46,681- 5-6 in 1896-97
against „ 3,65,524-11-3 in 1895-96

being Rs. 1,18,843- 5-9 less than the receipts of 1895-96.

12. *Town Duties.*—(Budget Estimate Rs. 9,00,000).
Gross collection Rs. 15,33,743-15- 4 in 1896-97
„ „ „ 16,87,707- 2-10 in 1895-96

being ... ... Rs. 1,53,963- 3- 6 loss than the gross receipts of the previous year as per particulars given below :—

	1896-97.			1895-96.			Difference.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
Port Trust Collections	12,45,672	1	1	13,13,937	1	7	68,265	0	6
B. B. & C. I. Ry. „	59,600	4	0	1,15,811	3	0	56,210	15	0
G. I. P. Ry. „	2,28,471	10	3	2,57,958	14	3	29,487	4	0
	15,33,743	15	4	16,87,707	2	10	1,53,963	3	6

13. *Refund of Town Duties*—

In 1896-97 Rs. 8,88,600-3-0
„ 1895-96 „ 7,76,856-3-0

being Rs. 1,11,744-0-0 in excess of the refunds of the previous year.

This is always a fluctuating item, depending primarily on the goods exported to outstations, but its fluctuations are also caused to a great degree by the latitude allowed to merchants as to the period within which the refunds granted may be claimed by them.

14. *Commission and Charges* for collecting Town Duties were incurred as under :—

Budget estimates		1896-97.			1895-96.			Difference.		
Rs.		Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
37,800	Port Trust...	44,698	6	10	32,324	3	7	12,374	3	3
10,000	G. I. P. Ry. Co.	8,924	8	3	7,823	0	0	1,091	8	3
4,200	B. B. & C. I. Ry. Co.	2,288	0	0	3,656	4	0	—1,368	4	0
(a)52,000		55,910	15	1	43,813	7	7	12,097	7	6

(a) Revised estimate, Rs. 60,454-5-4.

15. *Summary of Town Duties—*

	1896-97.	1895-96.
Gross Collections ... ... Rs.	15,33,743 15 4	16,87,707 2 10
Less.—Refund, Commission, Audit, &c., Charges... ... ... „	9,54,006 2 1	8,29,613 10 7
Net revenue... ... Rs.	5,79,737 13 3	8,58,093 8 3

being Rs. 2,78,355-11-0 less than in 1895-96.

16. *Licenses—*

Budget Estimates.	Particulars.	Realizations. 1896-97.	Realizations. 1895-96.
Rs.		Rs. a. p.	Rs. a. p.
60,000	(*a*) Dangerous and offensive trades	56,165 8 0	65,048 8 0
2,950	(*b*) Streets and Buildings ...	3,055 0 0	3,380 0 0
25,500	(*c*) Land conveyance, music, &c.	14,864 14 0	27,906 8 0
88,450		74,085 6 0	96,335 0 0

The expenditure incurred during the year under item (*a*) amounted to Rs. 14,562-4-11, and Rs. 9,509-2-2 in respect of item marked (*c*), leaving a net revenue of Rs. 41,603-3-1 and Rs. 5,355-11-10, respectively, under those heads.

17. *Liquor Licenses.*—The usual fixed amount of Rs. 1,43,750 was paid by Government in the month of April 1896 in accordance with Section 63, Act V of 1878.

18. *Tobacco Duty.*—Budget Estimate Rs. 1,89,500. The net receipts under this head, collected through the Collector of Customs, amounted to Rs. 1,82,867-4-3 in 1896-97 against Rs. 2,17,474-14-5 in 1895-96, which is Rs. 34,607-10-2 less than the recoveries of the previous year.

19. *Halalkhor Tax.*—(Budget Estimate Rs. 6,58,000).

Net recovery for 1896-97 ... ... Rs. 6,88,485-11-11
Do. 1895-96 ... „ 6,57,812- 2- 9

being Rs. 30,673- 9- 2 more than the receipts of 1895-96.

20. *Water Tax and Miscellaneous Water Tax Revenue.*—(Budget estimate Rs. 14,20,000-0-0)

Net realization..... Rs. 13,98,410 0 2 in 1896-97
against ... . „ 14,42,895 4 7 in 1895-96

being Rs. 44,485 4 5 less than in the previous year.

21. In addition to the realizations, as above given, the sum of Rs. 12,957-1-6 has to be added on account of interest realized on the Worn-out Mains Renewal Fund, Rs. 3,641-2-2 on account of interest on the net Premia, &c., Fund Investment, and Rs. 1,115-7-3 being net premia realized on the water works portion of the first instalment of 10 lacs of the 15¾ lacs loan raised in December 1896, making the total income Rs. 14,16,123-11-1.

22. The total expenditure on account of Water Works including New Works, Interest and Sinking Fund on Loans, &c., amounted to, Rs. 16,05,991-1-4 in 1896-97
against ,, 16,55,657-6-0 in 1895-96 which shows a decrease of Rs. 49,666-4-8, as compared with the expenditure of the previous year.

23. The total expenditure on account of Water Works as above given * when compared with the receipts of the year shows an excess over receipts amounting to Rs. 1,89,867-6-3.

* Expenditure ...Rs. 16,05,991- 1-4
Receipts ... ,, 14,16,123-11-1
Rs. 1,89,867- 6-3

The excess in 1895-96 was only Rs. 1,82,374-10-2.

24. *Markets and Slaughter Houses*—

Budget Estimates.	Particulars.	1896-97.	1895-96.
		Rs. a. p.	Rs. a. p.
3,83,600	Receipts	3,76,803 5 10	3,83,543 2 4
1,55,464	Expenditure	1,40,269 8 6	1,58,678 8 5
	Net Income	2,36,533 13 4	2,24,864 9 11

25. The net results of the year show that the receipts exceeded the expenditure by Rs. 2,36,533-13-4, also that the receipts of the year were below those of the previous year by Rs. 6,739-12-6, while the expenditure of the same period was also below that of the previous year by Rs. 18,408-15-11.

26. *Public Gardens Income.*—Budget Estimate Rs. 7,600. The receipts as compared with those of the preceding year were as under :—

1896-97 ... ... Rs. 7,740- 2- 0
1895-96 ... ... ,, 7,811-15-11

Net decrease being ... ... Rs. 71-13-11 which is an insignificant difference.

27. *Maintenance of Public Gardens.*—Victoria Garden.—Budget Estimate Rs. 53,333.

Actual expenditure in 1896-97 ... Rs. 48,806-14-5
Do. in 1895-96 ... ,, 50,389- 3-9

being Rs. 1,582- 5-4 less than the previous year.

28. The expenditure during 1896-97, on ac
Garden, excluding cost of new works* exceeded
* Rs. 3,113-7-11. the receipts of that year by Rs. 41,066-12-5
against Rs. 42,577-3-10 in the previous year.

29. *Maintenance of the remaining Eight Gardens.*—Budget Estimate Rs. 8,940.

Expenditure in 1896-97	...	Rs. 8,391-12- 4
Do. in 1895-96	...	„ 10,952-10-10
being	...	Rs. 2,560-14- 6 less than

the expenditure of the previous year.

30. The aggregate expenditure on all the gardens, including new works, amounted to Rs. 60,312-2-8, which is Rs. 3,716-4-8 less than the aggregate expenditure of the previous year.

31. *Miscellaneous Fines and Penalties.*—Budget Estimate Rs. 11,000.

Actual receipts in 1896-97 ...	...	Rs. 11,509-15- 3
Do. in 1895-96 ...	...	„ 11,482- 0- 6
	i.e.,	Rs. 27-14- 9 in excess

of the receipts of the previous year.

32. *Miscellaneous Receipts.*—Budget Estimate Rs. 1,25,000.

Actual receipts in 1896-97	...	Rs. 1,18,678- 8- 8
Do. in 1895-96	...	„ 1,62,096- 7- 2
	which is	Rs. 43,417-14- 6 less than

the receipts of the preceding year.

33. *Miscellaneous Fees.*—Budget Estimate Rs. 52,800.

Actual receipts in 1896-97	...	Rs. 40,665-15-9
Do in 1895-96	...	„ 54,060-10-3
	i.e.,	Rs. 13,394-10-6 less than

the receipts of the previous year.

34. *Miscellaneous Savings.*—Budget Estimate Rs. 3,500.

Savings in 1896-97	...	Rs. 5,196-11-10
„ in 1895-96	...	„ 3,391-13- 2
	i.e.,	Rs. 1,804-14- 8 more than

the savings of the preceding year.

35. *Tramway Rent.*—Budget estimate Rs. 45,800.

Receipts in 1896-97	...	Rs. 47,426-8-4
Do. in 1895-96	...	„ 43,548-10-2
	Difference...	Rs. 3,878-14-2

The increase in the rents of the year is due to the Tramway Company having extended their lines, and doubled their single lines in certain localities.

36. *Contribution from Municipal servants towards Pension Fund*—Budget estimate Rs. 18,000.

Receipts in 1896-97	Rs.	19,653-12-10
Do. in 1895-96	„	21,704-13- 9
Difference ...	Rs.	2,051- 0-11

The decrease is due to a larger realization in the previous year owing to the cause explained in the report for 1895-96.

37. *Sale Proceeds of Unserviceable Stores Sold by Auction.*—Budget estimate Rs. 5,000. The receipts under this head amounted to Rs. 1,811-13-9 against Rs. 2,982-10-11 in the previous year. This must always remain a varying item depending as it does on the quantities of stores sold.

38. *Actual Profit on Sale of Stores to Contractors.*—Budget estimate Rs. 3,000. The amount under this head aggregates Rs. 8,447-1-4 against Rs. 10,560-3-0 in 1895-96 ; the variations under this head also depend on the quantities of stores issued on payment.

39. *Interest and Profit on Investments of Surplus Loan and other Balances.*—Budget Estimate Rs. 1,50,000.

	Rs.	a.	p.
Realizations in 1896-97	1,99,256	1	7
Do. in 1895-96	1,65,613	1	6
Excess... Rs.	33,643	0	1

40. *Interest on Sinking and Insurance Funds Investments*—

Budget Estimate.	Particulars.	1896-97.			1895-96.		
		Rs.	a.	p.	Rs.	a.	p.
64,000	5 & 4 per cent. Municipal Loans Sinking Fund Investment	63,734	8	0	57,663	12	8
1,100	Municipal Buildings Fire Insurance Fund Investment	1,118	8	0	965	5	5
12,800	Worn-out Mains Renewal Fund Investment	12,957	1	6	10,816	13	0
13,800	Investment on net premia, &c., received on different Municipal Loans... ...	13,343	1	7	8,648	11	11
91,700		91,153	3	1	78,094	11	0

The excess realizations as compared with those of the previous year being Rs. 13,058-8-1 against Rs. 18,162-5-1, the excess of the previous year as compared with those of 1894-95.

41. The net premia realized on the first instalment of 10 lakhs of the Rs. 15¾ lakhs loan raised in 1896-97, is Rs. 37,181-13-6.

42. *Workshops.*—The receipts and expenditure on account of work executed are given below :—

	1896-97.	1895-96.
	Rs. a. p.	Rs. a. p.
Receipts	1,00,217 6 2	92,702 14 9
Add—Outstandings	14,061 3 3	13,061 4 3
	1,14,278 9 5	1,05,764 3 0
Deduct—Expenditure*	1,05,216 13 2	98,773 12 9
Profit ...	9,061 12 3	6,990 6 3

43. The outstandings of the year compare unfavorably with those of the previous year. Out of the sum of Rs. 14,061-3-3 shewn as outstanding in 1896-97, the sum of Rs. 13,568-0-3 represents the value of *incomplete* works which comprises the following items :—

Public Health Department ...	...	Rs. 6,918 5 10
Drainage Department ...	...	„ 3,998 10 8
Special Drainage Department	...	„ 1,431 0 5
Water Works „	...	„ 966 8 11
Streets and Buildings „	...	„ 253 6 5
		Rs. 13,568 0 3

* Excludes Rs. 9-4-7 being amount of excess pay of a clerk and Re. 0-1-10 on account of excess credit subsequently adjusted.

44. *Private Works*—The amounts expended and recovered on account of private works are as under :—

	1896-97.			1895-96.		
	Rs.	a.	p.	Rs.	a.	p.
Receipts	30,882	9	7	22,269	11	5
Deduct—Outstandings for the previous year ...	2,540	2	6	1,028	10	10
Actual receipts for the year...	28,342	7	1	21,241	0	7
Add—Outstandings	48,359	7	5	2,540	2	6
Total Receipts for the year ...	76,701	14	6	23,781	3	1
Deduct—Expenditure	73,113	12	10	21,182	8	11
	3,588	1	8	2,598	10	2
Excess recoveries	593	9	6	464	15	6
Total profit during the year ...	4,181	11	2	3,063	9	8

45. *Departmental Works*—

	1896-97.			1895-96.		
	Rs.	a.	p.	Rs.	a.	p.
Receipts	1,33,792	4	4	1,04,383	11	9
Deduct—Outstandings for the previous year ...	19,187	8	2	5,807	5	11
	1,14,604	12	2	98,576	5	10
Add—Outstandings	2,095	15	1	19,187	8	2
Total receipts for the year...	1,16,700	11	3	1,17,763	14	0
Total expenditure for the year ...	1,16,700	11	3	1,17,763	14	0

46. The figures above given will shew that the unadjusted outstandings under the last named two heads aggregate Rs. 50,455-6-6, a sum which, as pointed out in last year's report, can be very sensibly reduced by the departments concerned, obtaining the necessary sanctions as soon as it is found that the grant for each specific work is exceeded or is likely to be exceeded. This, however, is not the only cause which has led to the large amount of outstandings, which, it seems, is principally due to statements for private works executed by the Drainage Department in connection with the plague not having been submitted before the closing of the accounts and the consequent non-recovery of the bills on account thereof.

47. *General Superintendence*—

Budget Estimates.	Sub-heads.	1896-97.			1895-96.		
		Rs.	a.	p.	Rs.	a.	p.
Rs. 57,448	Corporation and Standing Committee Establishment	54,624	2	11	54,105	11	4
(*a*) 54,000	Municipal Commissioner's Personal Office Establishment	54,003	1	0	54,779	13	1
35,692	General Office Establishment	33,871	8	11	32,557	13	2
57,448	Accounts and Expenditure Audit Establishment	57,142	2	0	57,874	2	2
2,04,588		1,99,640	14	10	1,99,317	7	9

(*a*) Revised Estimate, Rs. 56,115-8-0.

The increase under these heads as compared with the actual expenditure of 1895-96 is trifling, being Rs. 323-7-1, and hardly requires to be explained.

48. *Assessment and Collection Department—*

Budget Estimates.	Sub-heads.	1896-97.	1895-96.
Rs.		Rs. a. p.	Rs. a. p.
1,46,578	Property and Wheel Tax Establishment.	1,40,734 13 5	1,44,632 9 7
(*a*) 52,000	Town Duty Collection	55,910 15 1	43,813 7 7
1,680	Tolls Collection	1,680 0 0	1,680 0 0
27,476	Licensing Establishment.	24,071 7 1	26,597 1 0
(*b*) 25,096	Revenue and Refund Audit Office Establishment	25,761 13 10	24,266 7 3
2,52,830		2,48,159 1 5	2,40,989 9 5

The expenditure of the year is more by Rs. 7,169-8-0 than that of the previous year, though it is Rs. 4,670-14-7 less than the amount provided for in the budget estimate ; the excess as compared with the expenditure of 1895-96 is due apparently to the Port Trust and G. I. P. R. Coy.'s bills for January and February 1896 aggregating Rs. 8,454-5-4 having been paid in 1896-97.

49. *Fire Brigade.*—Budget Estimate ... Rs. 1,16,845.
Expended in 1896-97...Rs. 1,07,653 13 0
Do. in 1895-96... „ 1,15,990 10 2

Difference... Rs. 8,336 13 2

The expenditure incurred in 1896-97 has, it will be observed, diminished when compared with that of the previous year.

The additional ½ per cent. tax on account of Fire Brigade charges realized the sum of Rs. 1,09,137-9-8 during the year. As a result of the reduced expenditure of the year, the revenue from the tax levied on this account has exceeded the disbursements.

50. Since the levy of the Fire Brigade Tax in 1889-90, the total collection has amounted to ... Rs. 9,74,038-4-9 against the total expenditure of... ... ... „ 9,03,665-7-1. The receipts from the tax have thus exceeded the expenditure by ... ... Rs. 70,372-13-8 as shown in the statement given below :—

Tax.	Year.	Receipts.	Expenditure.	Difference.
		Rs. a. p.	Rs. a. p.	Rs. a. p.
½ %	1889-90	79,187 0 0	93,906 15 3	—14,719 15 3
¾ „	1890-91	1,25,345 0 0	1,29,291 0 4	—3,946 0 4
¾ „	1891-92	1,64,263 13 2	88,671 4 4	75,592 8 10
¾ „	1892-93	1,65,838 0 0	1,47,693 15 7	18,144 0 5
½ „	1893-94	1,10,504 0 8	1,06,314 0 11	4,189 15 9
½ „	1894-95	1,09,325 5 0	1,14,143 11 6	—4,818 6 6
½ „	1895-96	1,10,437 8 3	1,15,990 10 2	—5,553 1 11
½ „	1896-97	1,09,137 9 8	1,07,653 13 0	1,483 12 8
		9,74,038 4 9	9,03,665 7 1	70,372 13 8

(*a*) Revised Estimate .. .. Rs. 60,454 5 4
(*b*) Do. .. .. „ 26,062 7 8

51. *Engineer's Department—*

Budget Estimate.	Sub-heads.	1896-97.	1895-96.	Difference.
		Rs. a. p.	Rs. a. p.	Rs. a. p.
Rs. (a) 48,216	General Supervision and Miscellaneous Duties	49,736 8 5	46,873 4 9	2,863 3 8
1,26,850	Drainage—Miscellaneous Drainage	1,20,546 13 6	1,18,851 6 7	1,695 6 11
93,885	„ Maintenance of Love Grove Pumping Station	89,953 4 3	91,740 2 9	—1,786 14 6
4,290	„ Sluices	3,832 7 2	4,039 6 11	—206 15 9
26,751	„ Colaba Pumping Station	23,133 13 6	8,495 14 10	14,637 14 8
2,74,439	Water Works Maintenance	2,16,042 2 8	2,28,729 9 9	—12,687 7 1
87,222	Streets and Buildings—Inspection and Supervision	82,358 3 6	85,827 7 4	—3,469 3 10
2,88,452	„ „ Public Lighting	2,59,274 13 2	2,96,833 12 1	—37,558 14 11
(b) 87,400	„ „ Road Watering	91,352 0 2	93,957 14 7	—2,605 14 5
3,66,311	„ „ Road Repairs and Maintenance	3,29,779 3 10	3,46,515 10 0	—16,736 6 2
(c) 1,02,500	„ „ Street Improvements	1,03,994 0 10	1,30,228 5 5	—26,234 4 7
38,642	Cleaning, Lighting and Repairing Port Trust Wharves, Roads, &c.	38,642 0 0	40,642 0 0	—2,000 0 0
15,43,958		14,08,645 7 0	14,92,734 15 0	—84,089 8 0

(a) Revised Estimate, Rs. 50,239-14-9. (b) Revised Estimate, Rs. 92,675-0-0. (c) Revised Estimate, Rs. 1,09,406-6-4.

When compared with the budget estimate as also the actuals of 1895-96, there has been a reduction in the total expenditure of Rs. 1,35,313 and Rs. 84,089 respectively.

The noticeable increases as compared with the expenditure of the previous year are under the following heads :—

	Rs.	a.	p.
General Supervision and Miscellaneous duties	2,863	3	8
Miscellaneous Drainage	1,695	6	11
Colaba Pumping Station	14,637	14	8

The first two items hardly require explanation, but in the case of the third head it may be stated that the excess is due to the Pumping Station having been worked continuously during the year, which it was not in 1895-96, *vide* report on the accounts of that year.

The decrease of Rs. 12,687-7-1 under the head "Water Works Maintenance" is apparently due to (*a*) a reduction in the amount of establishment charges consequent on the resignation of Mr. Tomlinson from 28th May 1896 and the retirement of Mr. Watson from the 30th of the same month, and to their successors having on appointment drawn the minimum salaries of those appointments, and (*b*) to two items aggregating Rs. 10,988-9-11 on account of diverting the 24" main in Gibbs Road, and removing and replacing filtering materials of No. 1 Filter Malabar Hill Reservoir appearing in the accounts of 1895-96, whereas similar charges were not incurred in 1896-97.

The decrease of Rs. 37,558-14-11 under public lighting is due to the conversion of gas lamps into incandescent lamps with Welsbach burners, and to the value of unused kerosine oil at the end of the year having been transferred to the Reserve Stock Account pending adjustment against the lighting grant as the oil is issued.

The decrease of Rs. 16,736-6-2 under the head "Road Repairs and Maintenance" is chiefly due to reduced charges on account of the purchase of materials, labor, &c., also paving footpaths.

The reduced expenditure under the head of "Street Improvements" of Rs. 26,234-4-7 can only be ascribed to a larger amount of compensation for land, buildings, &c., having been paid in 1895-96.

52. *Hospitals.*—

Budget Estimates.	Sub-heads.	1896-97.	1895-96.
Rs.		Rs. a. p.	Rs. a. p.
36,000	Goculdas Tejpal	32,101 0 7	35,262 3 11
3,000	Jaffer Sulleman	3,000 0 0	3,000 0 0
18,000	Matunga Leper Asylum	18,000 0 0	17,997 14 5
57,000		53,101 0 7	56,260 2 4

As compared with the expenditure of 1895-96, there has been a decrease of Rs. 3,159-1-9 due to diminished charges on account of the Goculdas Tejpal Hospital.

53. *Mahaluxmi Dhobiwada*—

Budget Estimate, Rs. 34,386.

	1896-97.	1895-96.
Receipts	Rs. 17,021 10 0	17,064 0 0
Expenditure	„ 31,263 13 6	32,981 10 1
Difference	Rs. 14,242 3 6	15,917 10 1

As will be seen from the foregoing figures, the Mahaluxmi Dhobiwada is not yet self-supporting, the expenditure being nearly twice as great as the receipts.

54. *Milch Cattle Stables and Rooms*—

Budget Estimate, Rs. 10,238.

	1896-97.	1895-96.
Receipts	Rs. 15,345 7 2	16,471 7 1
Expenditure	„ 9,724 8 5	10,347 6 7
Actual Profit	Rs. 5,620 14 9	6,124 0 6

As in the previous year, so in the present one, the milch cattle stables and rooms have continued to be a source of profit; in the receipts there appears to have been a slight falling-off.

55. *Police Charges.*—The total payments made to Government on account of Police Charges amounted to Rs. 5,51,589, the excess over the budgetted amount of five lacs being due to the payment of probable amount of arrear charges up to 1894-95, sanctioned as per Corporation's Resolution No. 9617, dated 10th December 1896.

56. *Health Department*—

Budget Estimate.			Sub-heads.	1896-97.			1895-96.			Difference.		
Rs.	a.	p.		Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
44,942	0	0	General Supervision	43,568	7	6	43,594	3	2	—25	11	8
11,34,205	0	0	Conservancy Branch	11,19,468	1	4	10,74,379	12	8	45,088	4	8
1,55,464	0	0	Markets and Slaughter Houses	1,40,269	8	6	1,58,678	8	5	—18,408	15	11
8,128	0	0	Cemeteries...	7,511	13	9	7,533	15	9	—22	2	0
22,122	0	0	Registration of Births and Deaths	18,768	1	4	19,279	12	5	—511	11	1
34,386	0	0	Mahaluxmi Dhobivada	31,263	13	6	32,981	10	1	—1,717	12	7
10,238	0	0	Milch Cattle Stables and Rooms	9,724	8	5	10,347	6	7	—622	14	2
6,144	0	0	Tank Conservancy	5,955	8	10	6,079	3	0	—123	10	2
374	0	0	Rastamji Jamsedji Dharamsala, Falkland Road	177	11	6	344	7	6	—166	12	0
660	0	0	Laboratory	342	12	3	471	10	0	—128	13	9
(*a*) 6,494	0	0	Infectious Diseases	16,513	14	1	6,407	0	9	10,106	13	4
17,284	0	0	Vaccination Contribution to Government	16,302	11	2	15,135	15	2	1,166	12	0
14,40,441	0	0		14,09,867	0	2	13,75,233	9	6	34,633	6	8
20,000	0	0	Less anticipated savings.									
14,20,441	0	0										

(*a*) Revised estimate Rs. 17,494-6-0.

The foregoing figures show an aggregate increased expenditure of Rs. 56,361-14-0 and a decrease of Rs. 21,728-7-4 under certain heads, the net result being an increase of Rs. 34,633-6-8 over the expenditure of 1895-96.

The increase of Rs. 45,088-4-8 under Conservancy Branch was due to extra measures having been adopted for the better conservancy of the city.

The increase of Rs. 10,106-13-4 under Infectious Diseases was due to larger expenditure having been incurred at the Arthur Road Hospital owing to the prevalence of Bubonic Plague.

The increase of Rs. 1,166-12-0 under the head "Vaccination Contribution to Government" was due to extra establishments having been employed during the prevalence of small-pox in the beginning of the year as also to increased contingent charges.

57. *Cost of Special Sanitary Measures for the suppression of Bubonic Plague :*—Out of the several grants sanctioned by the Corporation in 1896-97 to meet the expenditure connected with the suppression of the Bubonic Plague, the net expenditure has been Rs. 4,37,055-0-1. In addition to this sum several payments* have been debited to the head of advances which it is presumed will be adjusted in the accounts of the current year.

57A. *Miscellaneous*—

Budget Estimates.	Heads of Charges.	1896-97.	1895-96.
Rs.		Rs. a. p.	Rs. a. p.
(*a*)50,000	Pensions, Gratuities, &c.	58,600 12 0	48,451 13 9
7,000	Discretional Contingencies	3,982 10 6	5,442 0 1
(*b*)10,000	Auditors' Allowance	10,331 12 9	9,667 8 11
1,000	Election Expenses	630 1 6	197 13 0
(*c*)	Grain Compensation to Peons, &c. ...	18,161 7 11	.....

The differences in the expenditure of 1896-97 as compared with that of the previous year appear to call for no comment. It will be observed that the item of grain compensation which was paid under the sanction of the Corporation has amounted to the large sum of Rs. 18,161-7-11.

58. The disbursements made under the sanction of the Municipal Commissioner from his Discretional Contingencies are as under :—

		Rs. a. p.	Rs. a. p.
1.	Screening the dust bin cart in Apollo Street, opposite Messrs J. Roberts and Co.	34 7 2	
2.	Making a recess for the accommodation of a dust bin cart at the Foras Road Depot ground...	5 15 1	
			40 6 3
3.	Portfolio *re* vote of thanks to Mr. Roughton... ...	50 0 0	
4.	Portfolio *re* vote of thanks to Dr. Blaney	50 0 0	
			100 0 0
	Carried over ...		140 6 3

* Rs. 55,500 advanced to the Chairman, Plague Committee.

(*a*) Revised estimate Rs. 63,415-15-1.

(*b*) Do. do. „ 10,662- 0-0.

(*c*) Additional grant of Rs. 20,466 sanctioned as per Corporation's Resolution No. 10513, dated 11th January 1897.

		Rs.	a.	p.	Rs.	a.	p.
	Brought over ...				140	6	8
5.	Giving a street connection for the Drainage of Mr. Soni Ramji Luna's premises at Sutar Chall Street.	38	15	2			
6.	Giving a street connection for the Drainage of the Frere Fletcher School at Napier Road, Fort ...	57	1	7			
7.	Giving a street connection to the premises owned by Mr. Naoroji Rustomji at Ropa Lane...	15	7	0			
8.	Giving a street connection to the premises owned by Mr. Ardeshir Manekji at Delisle Road	47	12	0			
9.	Giving a street connection to the premises No. 32—38 at Modi Street, owned by Bai Motlibai	0	12	0			
					159	15	9
10.	Pay of an extra clerk from 27-9-96 to 16-11-96, in consequence of pressing office work in Health Department	48	1	7			
11.	Telegram to Hongkong to send detailed account of measures taken to suppress plague	34	14	0			
12.	Tram expenses incurred in carrying reports *re* daily progress of Bubonic fever to Government house, December	1	7	0			
13.	Telegram to H. H. Agakhan	7	4	0			
14.	Purchase of an Austrian safe for the use of Plague Committee	185	0	0			
15.	Pay of Staff employed by the Health Officer on engines for flushing gullies for the month of February 1897	84	2	9			
					360	13	4
16.	Opening out the water course on the North side of Clerk Road, and constructing a masonry culvert on its line				517	6	7
17.	Payment of the charges in respect of advertisements for the post of the Deputy Executive Engineer, Water-works				269	2	6
18.	Constructing a single bullock scavengering cart for carrying litter and leaves				70	3	3
19.	Fee to Mr. A. T. Crawford for forwarding his views on the Municipal Workshop's Land dispute... ...				177	3	8
20.	Cost of lagging the outside of the disinfecting chamber at Frere Road with asbestos and brick-work ...				187	0	11
21.	Supplying six umbrellas to night duty Naiks and watchmen				9	0	0
22.	Printing 100 copies of house connection rules at 'Gazette'				72	0	0
23.	Constructing one-seated latrine on the water system for natives at Paidhoni Municipal quarters ...				302	14	1
24.	Geography and Atlas from Messrs. A. J. Combridge and Co.				29	14	0
25.	D. D. Daruvala bonus for extra services rendered *re* Messrs. Bulkly and Co.'s case against the Municipality for Colaba and Umarkhady Sewerage works ...				100	0	0
26.	Making two additional screens and repairing a screen used for covering the dead bodies				215	2	4
27.	Purchase of two reading lamps (R. Ditmar's)... ...				58	0	0
28.	Difference between the cost of acting allowance originally sanctioned to be paid to Mr. Michael on the minimum salary of the 3rd Assistant Assessor and that subsequently ordered to be paid on the average pay of the grade of Assistant Assessors from 12th October 1896 to 18th December 1896 ...				55	10	3
29.	Purchase of Remington type-writer with table, blue copying ribbon, brush and carbon papers, from Messrs. Warden and Co. in February 1897, for the use of the Chief Accountant's Office...				430	0	0
	Carried over ...				3,154	12	11

		Rs.	a.	p.
	Brought over ...	3,154	12	11
30.	Writing off the value of stock return and agreement forms	33	3	10
31.	Refund of the premium paid by Mr. Ruttonji Furdoonji to Guarantee Security Company on Rs 7,000, while acting as Head Audit Clerk	35	0	0
32.	Cost of preparing estimates for conveying all the dirty water from the House Gullies at Khetwadi directly into the street sewer and making "Jump Weir" arrangements for the storm-water	213	3	7
33.	Making a hose stand with nozzle for the use of watering Municipal Office Gardens	61	1	0
34.	Fixing three hydrants in the compound of the Health Department Stable at Palton Road	66	1	2
35.	Salary of the late Mrs. Cutler, a clerk of the Special Drainage Engineer's Department, from 1-3-96 to 20-4-96...	58	8	10
36.	Telegram sent to Mr. Watson, Superintendent, Municipal Branch water-works, at Bournemouth, England, informing him about the rejection of his application for temporary service	48	2	0
37.	Fixing a new pattern Hydrant in the Municipal Office garden	237	10	1
38.	Remittance of Rs. 3-12 5 paid to the Collector of Land Revenue Customs and Opium, being the capitalized value calculated at 25 years' purchase of the abatement of the rent in respect of the land at Fergusson Road thrown into the Roadway	3	12	5
39.	Diverting 3" gas main at the junction of Goga Street and Cowasji Patel Street, and a service pipe at the junction of Goga Street and Parsee Bazar	54	12	0
40.	Excess in the Budgetted grant of General Office Establishment, V. Hydraulic lift service	11	0	9
41.	Excess in the Budgetted grant of Registration of births and deaths, IV Lighting Sonapore Burning Ground	0	5	11
42.	One copy of plan of land containing 30·70 square yards, situated at Mugbhat Road, prepared for the award made in favour of Messrs. Harishanker Bhaskerji and others on the 25th June 1895 ...	5	0	0
	Total ... Rs.	3,982	10	6

59. *Education*—

Budget Estimates.	Sub-heads.	1896-97.			1895-96.		
Rs.		Rs.	a.	p.	Rs.	a.	p.
59,135	Primary Education...	59,135	0	0	59,135	0	0
1,800	School for Deaf and Dumb Mutes ...	1,800	0	0	1,800	0	0
2,500	Veterinary College	2,500	0	0	2,500	0	0
11,200	Victoria and Albert Museum	10,287	8	4	10,255	10	8
10,000	Victoria Jubilee Technical Institute ...	10,000	0	0	10,000	0	0
5,160	Joint Schools Committee's Establishment.	5,166	0	3	4,790	11	5
50,000	School Building Fund	50,000	0	0	.....		
1,39,795		1,38,888	8	7	88,481	6	1

The expenditure in 1896-97, has approximated with a trifling difference that of the previous year. The sum of Rs. 50,000 which was budgetted for on account of the School Building Fund has been invested during the year.

The usual report on the accounts of the Municipal School Funds is appended.

60. *Special and Extraordinary Works—*

Budget Estimate Rs. 48,218 ; Revised Estimate Rs. 3,14,820-2-10.

Expended in 1896-97... Rs. 1,47,003 5 9
„ 1895-96... „ 2,38,581 12 3

The sum of Rs. 91,578-6-6 has been less expended in 1896-97 than in the previous year.

61. The new works executed during the year, as also the cost of each under major heads, is given below:—

	Rs.	a.	p.
Drainage Miscellaneous Works	33,271	2	6
Water works	12,006	6	11
Streets and Buildings	86,197	3	11
Sanitary and other Miscellaneous Works ...	15,528	8	5

The only noticeable items of expenditure under the above heads are—

(1) Rs.	84,832	12	4	Conversion of gas lamps into incandescent lamps, and conversion of oil lamps into incandescent gas jets.
(2) „	4,466	7	9	Latrines and Urinals.
(3) „	2,999	10	0	Filling in portions of Haines Road Cemetery.

62. *New Works (Loan)—*

	Rs.	a.	p.
Expended in 1896-97	9,24,927	13	5
„ 1895-96	10,84,879	5	5
Difference...	Rs. 1,59,951	8	0

Loan works summarised :—

	Rs.	a.	p.
Drainage	4,70,831	2	8
Water Works	1,15,385	1	4
Markets...	1,10,899	8	11
Fire Brigade	43,226	15	4
Miscellaneous Works	7,944	14	2
Roads and Streets	1,76,640	3	0
Total...	Rs. 9,24,927	13	5

Against the expenditure above given, the following sums should be deducted being amounts credited to those heads:—

		Rs.	a.	p.
From Roads and Streets	*a*	87,508	4	1
„ Water Works	*b*	57,495	2	6
„ Markets	*c*	61,560	0	0
„ Drainage	*d*	3,510	0	0

63. *Debt.*—Information regarding the Municipal Debt is given in the Municipal Commissioner's Report and therefore does not require reiteration.

64. *Personal Accounts of Municipal Officers.*—The amount of permanent advances made to Municipal officers to meet contingent and other expenses, also such sums as have been temporarily carried to that head pending final adjustment, amounted on the 31st March 1897 to Rs. 1,28,814-3-8 against Rs. 6,780-6-6 on the same date in 1895-96.

The principal items which go to make up the above amount are the following:—

	Rs.	a.	p.
Drainage Engineer	17,466	0	6
Water Engineer	2,941	12	2
Municipal Engineer	45,611	12	7
Health Officer	1,138	14	4
Municipal Commissioner	3,259	8	1
Chairman, Plague Committee...	55,500	0	0

65. *Reserve Stock*—

The value of stock on hand on the 31st March 1897 was as under:—

	1896-97.			1895-96.		
	Rs.	a.	p.	Rs.	a.	p.
Executive Engineer	8,862	6	2	.....		
Engineer, Drainage	3,81,252	13	9	3,69,764	12	11
„ Water...	4,43,965	5	4	4,41,239	6	4
General Stock	67,560	3	3	65,656	6	5
Total... Rs.	9,01,840	12	6	8,76,659	9	8

a Sale proceeds of surplus lands. *b* Adjustment of advances made in previous years.
c Partly adjustment of advance made for a portion of the cost of site for Colaba Market and partly Government grant-in-aid for construction of Primary School at Bhuleshwar
d Adjustment of advance.

66. *Income Tax.*—During the year under review the amount of Income Tax recovered by the Chief Accountant from the fees paid to the members of the Standing Committee, and the salaries and wages of Municipal Officers and servants from whom the Tax is recoverable, also on Wheel Tax, amounted to Rs. 23,006-11-7 of which sum Rs. 22,535-5-11 were paid to the Income Tax Collector, leaving a balance of Rs. 471-5-8 due to Government which has been paid during the current year.

67. *Assets and Liabilities.*—The following figures shew the Assets and Liabilities of the year, as compared with those of the preceding year :—

	1896-97.			1895-96.		
	Rs.	a.	p.	Rs.	a.	p.
Assets	5,56,70,448	8	1	5,50,11,965	13	3
Liabilities ...	3,89,81,231	9	4	3,80,22,864	12	9
Difference ...	1,66,89,216	14	9	1,69,89,101	0	6

which is Rs. 2,99,884-1-9 less than the difference of the previous year.

68. *Scrutiny of Collections and of Outstanding Bills of Rates and Taxes for the year 1896-97 and of previous years.*

69. *Collections.*—During the year under report there were issued by the Assessor and Collector 90,116 net demand assessment bills for Property and Wheel Tax of the value of Rs. 41,05,672-0-5 and 1,322 bills for meter hire for the same year of the value of Rs. 11,543-9-3.

The following figures give the particulars of the bills and collection :—

	Rs.	a.	p.	Rs.	a.	p.
89,596 bills for Property and Wheel Tax were issued for 1896-97 of the value of				40,38,671	14	10
1,322 bills for meter hire for 1896-97				11,543	9	3
Add—356 bills for the year 1895-96	36,157	0	2			
91 " " 1894-95	16,912	7	2			
73 " " 1893-94	13,930	10	3			
520				67,000	1	7
				41,17,215	9	8
Add—Government and Port Trust contribution ..	2,50,856	0	0			
Outstandings for 1895-96	80,903	11	5			
				3,31,759	11	5
Total amount to be collected in 1896-97				44,48,975	5	1
Less—Collection made by the Assessor and Collector.	38,55,693	0	1			
Paid by Government and Port Trust	2,50,856	0	0			
				41,06,549	0	1
				3,42,426	5	0
Deduct—Amount of bills recalled, amended and cancelled for all years from 1893-94 to 1895-96				29,678	6	6
Total outstandings on the 31st day of March 1897				3,12,747	14	6

Of the sum of Rs. 3,12,747 shown above to have been outstanding on the 31st March 1897, it has been ascertained, during our examination of the accounts that over 2½ lacs have been already recovered which must be considered as satisfactory as the actual outstandings are not so large as would appear.

70. The usual Appendices marked A, B and C, showing particulars of the scrutiny of the outstanding balances for the year 1896-97 and previous years are annexed.

71. We shall examine the adjusting and cross entries and compare them with the account books, and Appendices Nos. 3, 4, 5, 6, 7 & 8 and certify them hereafter.

NANABHAI RASTAMJI RANINA,

A. THOMSON,

Municipal Auditors.

BOMBAY, 13*th September* 1897.

To

H. W. BARROW, Esq.,

Municipal Secretary,

BOMBAY.

SIR,

In accordance with the 137th Section of the Bombay Municipal Act of 1888, we have the honor to forward three Appendices marked A, B, and C, containing the result of our scrutiny of the Outstanding Bills of Rates and Taxes, which were in the hands of Ward Clerks and in the Office of the Assessor and Collector on the 31st day of March 1897.

These Appendices form a part of our Annual Report on Municipal accounts for the year 1896-97 now under preparation.

We have the honor to be,

Sir,

Your obedient servants,

NANABHAI RASTAMJI RANINA,

A. THOMSON,

Municipal Auditors.

BOMBAY, 28*th July* 1897.

APPENDIX A.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in the hands of WARD CLERKS and in the Office of the ASSESSOR AND COLLECTOR on the 31st March 1897.

Ward.	No. of Bills.	Amount.										
		On Value.				Compounded or Special.			Tax on Vehicles and Animals.	Meter Hire.	Grand Total.
		General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compound Water Service.	Special Halalkhor Service.	Water charged by Meter.			
		FOR THE YEAR 1896-97.									
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	1,990	25,583 1 11	9,285 13 7	11,444 11 6	46,313 11 0	166 7 3	5,324 11 2	31,422 11 11	5,660 10 0	753 0 0	89,641 3 4
B	983	18,894 10 3	8,514 8 5	6,906 10 10	34,315 13 6	.....	154 0 0	3,325 13 5	1,898 2 9	111 0 0	39,804 13 8
C	1,805	33,375 3 9	16,297 5 7	12,199 15 3	61,872 8 7	304 8 3	460 0 10	2,647 7 0	3,896 11 0	149 0 0	69,330 8 8
D	1,003	16,040 12 4	5,870 1 9	7,803 3 8	29,714 1 9	53 10 11	591 9 4	3,282 9 6	2,790 1 0	163 0 0	36,595 0 6
E	853	11,891 13 2	3,644 3 8	4,836 0 9	20,372 1 7	816 11 7	6,482 0 10	7,513 7 8	1,003 2 0	328 0 0	36,515 7 8
F	277	2,492 11 1	719 14 0	619 1 3	3,831 10 4	31 3 7	4,735 1 4	1,874 8 10	334 13 0	23 11 8	10,831 0 9
G	584	1,550 9 1	611 3 3	832 10 7	2,994 6 11	4 6 2	2,053 14 4	8,003 2 10	326 3 0	48 0 0	13,430 1 3
Total...	7,495	1,09,828 13 7	44,943 2 3	44,642 5 10	1,99,414 5 8	1,376 15 9	19,801 5 10	58,069 13 2	15,909 10 9	1,575 11 8	2,96,147 14 10

NANABHAI RASTAMJI RANINA,
A. THOMSON,
Municipal Auditors.

BOMBAY, 28*th July* 1897.

APPENDIX B.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in arrears for the year 1895-96 and the previous years remaining in the hands of WARD CLERKS and in the Office of the ASSESSOR AND COLLECTOR on the 31st March 1897.

Ward.	No. of Bills.	AMOUNT. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhor Service.	Water charged by Meter.	Tax on Vehicles and Animals.	Grand Total.
FOR THE YEAR 1895-96.										
A	67	Rs. a. p. 3,137 0 4	Rs. a. p. 310 11 11	Rs. a. p. 1,562 11 9	Rs. a. p. 5,010 8 0	Rs. a. p.	Rs. a. p. 28 10 1	Rs. a. p. 203 7 8	Rs. a. p. 55 11 0	Rs. a. p. 5,298 4 9
B	20	158 14 7	73 11 0	61 11 5	294 5 0	.....	.....	.....	21 15 0	316 4 0
C	21	48 3 1	23 9 4	17 11 2	89 7 7	.....	43 13 0	.....	12 0 0	145 4 7
D	15	12 12 0	5 8 1	8 4 1	26 8 2	.....	.....	225 3 9	45 0 0	296 11 11
E	59	849 5 11	52 3 4	286 14 1	1,188 7 4	697 7 4	768 2 2	145 8 0	7 0 0	2,806 8 10
F	6	100 9 11	9 0 0	6 12 0	116 5 11	.....	3,905 0 0	.....	46 0 0	4,067 5 11
G	20	4 0 7	1 14 6	6 0 0	11 15 1	.....	249 12 2	.....	18 0 0	279 11 8
Total...	208	4,310 14 5	476 10 2	1,950 0 6	*6,737 9 1	697 7 4	4,995 5 5	574 3 5	205 10 0	13,210 8 3
1894-95.										
A	21	68 11 10	46 2 7	602 9 1	717 7 6	.....	2 2 0	.....	4 0 0	723 9 6
B	6	59 1 2	27 12 10	20 13 8	107 11 8	.....	.....	.....	22 0 0	129 11 8
C	15	25 4 8	11 14 5	8 14 11	46 2 0	.....	43 13 0	.....	.....	89 15 0
E	16	70 2 0	31 8 3	23 6 5	124 11 8	.....	74 13 11	.....	.....	199 9 7
G	3	.....	.....	.....	.....	.....	39 2 0	.....	.....	39 2 0
Total...	61	223 3 8	117 1 1	655 12 1	996 0 10	.....	159 14 11	.....	26 0 0	1,181 15 9
1893-94.										
A	42	.....	.....	547 0 0	547 0 0	.....	11 9 2	.....	.....	558 9 2
B	3	16 1 6	7 9 4	5 10 11	29 5 9	.....	.....	.....	11 0 0	40 5 9
E	10	99 14 0	45 3 4	33 14 6	178 15 10	.....	94 12 0	.....	.....	273 11 10
G	2	.....	.....	.....	.....	.....	17 8 0	.....	.....	17 8 0
Total...	57	115 15 6	52 12 8	586 9 5	755 5 7	.....	123 13 2	.....	11 0 0	890 2 9
Carried over...	326	4,650 1 7	646 7 11	3,192 6 0	8,488 15 6	697 7 4	5,279 1 6	574 3 5	242 10 0	15,282 5 9

APPENDIX B—*concluded.*

Ward.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhor Service.	Water charged by Meter.	Tax on Vehicles and Animals.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought over...	326	4,650 1 7	646 7 11	3,192 6 0	8,488 15 6	697 7 4	5,279 1 6	574 3 5	242 10 0	15,282 5 9
1892-93.										
A	10	.....	.....	.....	.....	.....	1 7 1	321 12 0	33 0 0	356 8 1
E	8	93 13 6	42 14 5	32 2 10	168 14 9	.....	.....	.....	10 13 6	179 12 3
Total...	18	93 13 6	42 14 5	32 2 10	168 14 9	.....	1 7 1	321 12 0	43 13 6	535 15 4
1891-92.										
A	5	.....	.....	.....	.....	.....	.....	113 4 0	71 0 0	184 4 0
E	4	49 7 0	25 8 2	19 2 1	94 1 3	.....	.....	.....	.....	94 1 3
Total...	9	49 7 0	25 8 2	19 2 1	94 1 3	.....	.....	113 4 0	71 0 0	278 5 3
1890-91.										
A	1	.....	.....	.....	.....	.....	.....	.....	15 11 0	15 11 0
D	4	104 2 0	47 9 8	35 11 2	187 6 10	.....	.....	.....	.....	187 6 10
E	4	56 2 9	25 10 11	19 4 3	101 1 11	.....	.....	.....	.....	101 1 11
Total...	9	160 4 9	73 4 7	54 15 5	288 8 9	.....	.....	.....	15 11 0	304 3 9
1889-90.										
D	4	101 2 4	47 9 8	27 9 7	176 5 7	.....	.....	.....	.....	176 5 7
Total...	4	101 2 4	47 9 8	27 9 7	176 5 7	.....	.....	.....	.....	176 5 7
1888-89.										
D	1	12 2 2	6 1 1	4 8 9	22 12 0	.....	.....	.....	.....	22 12 0
Total...	1	12 2 2	6 1 1	4 8 9	22 12 0	.....	.....	.....	.....	22 12 0
GRAND TOTAL...	367	5,066 15 4	841 13 10	3,330 12 8	9,239 9 10	697 7 4	5,280 8 7	1,009 3 5	373 2 6	16,599 15 8

NANABHAI RASTAMJI RANINA,
A. THOMSON,
Municipal Auditors.

BOMBAY, 28th *July* 1897.

APPENDIX C.

SUMMARY OF APPENDICES A AND B.

Years.	Appendix A.		Appendix B.		Grand Total.	
	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
1896-97	7,495	2,96,147 14 10	.....	.....	7,495	2,96,147 14 10
1895-96	.....	.....	208	13,210 3 3	208	13,210 3 3
1894-95	.....	.....	61	1,181 15 9	61	1,181 15 9
1893-94	.....	.....	57	890 2 9	57	890 2 9
1892-93	.....	.....	18	535 15 4	18	535 15 4
1891-92	.....	.....	9	278 5 3	9	278 5 3
1890-91	.....	.....	9	304 3 9	9	304 3 9
1889-90	.....	.....	4	176 5 7	4	176 5 7
1888-89	.....	.....	1	22 12 0	1	22 12 0
Total ...	7,495	2,96,147 14 10	367	16,599 15 8	7,862	8,12,747 14 6

NANABHAI RASTAMJI RANINA,
A. THOMSON,
Municipal Auditors.

BOMBAY, *28th July* 1897.

REPORT ON THE ACCOUNTS OF THE JOINT SCHOOLS COMMITTEE.

In accordance with Bye-law No. 15 of the Joint Schools Committee, we beg to report that we have audited the accounts and examined all the vouchers and papers relating to the receipts and disbursements of the School funds in charge of the Joint Schools Committee from 1st April 1896 to 31st March 1897.

The opening balance on 1st April 1896 (including recoverable advances and excluding deposits) was Rs. 56,795-6-10.

The total receipts of the Joint Schools Committee for the year 1896-97 amounted to Rs. 1,19,435-11-6, against Rs. 1,25,805-12-0 in 1895-96, being Rs. 6,370-0-6 less than the receipts of the previous year, due to causes which will, no doubt, be explained by the Committee.

The total expenditure amounted to Rs. 1,27,731-11-3 in 1896-97, against Rs. 1,11,069-12-7 in 1895-96, being Rs. 16,661-14-8 more than the expenditure of the previous year, leaving a credit balance of Rs. 48,499-7-1, which is Rs. 8,295-15-9 less than the credit balance of the previous year.

The books have been found to be kept neat and clean, and the alterations, which were previously suggested, have been carried out.

NANABHAI RASTAMJI RANINA,

A. THOMSON,

Municipal Auditors.

BOMBAY, 1*st July* 1897.

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